BECKHOFF New Automation Technology

Documentation | EN

EP3751-0260

3-axis accelerometer, 3-axis gyroscope

2025-07-02 | Version: 1.0

Table of contents

1 Foreword

1.1 Notes on the documentation

This description is intended exclusively for trained specialists in control and automation technology who are familiar with the applicable national standards.
The documentation and the following notes and explanations must be complied with when installing and commissioning the components.
The trained specialists must always use the current valid documentation.

The trained specialists must ensure that the application and use of the products described is in line with all safety requirements, including all relevant laws, regulations, guidelines, and standards.

Disclaimer

The documentation has been compiled with care. The products described are, however, constantly under development.
We reserve the right to revise and change the documentation at any time and without notice.
Claims to modify products that have already been supplied may not be made on the basis of the data, diagrams, and descriptions in this documentation.

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1.2 For your safety

Safety regulations

Read the following explanations for your safety.
Always observe and follow product-specific safety instructions, which you may find at the appropriate places in this document.

Exclusion of liability

All the components are supplied in particular hardware and software configurations which are appropriate for the application. Modifications to hardware or software configurations other than those described in the documentation are not permitted, and nullify the liability of Beckhoff Automation GmbH & Co. KG.

Personnel qualification

This description is only intended for trained specialists in control, automation, and drive technology who are familiar with the applicable national standards.

Signal words

The signal words used in the documentation are classified below. In order to prevent injury and damage to persons and property, read and follow the safety and warning notices.

Personal injury warnings

⚠ DANGER
Hazard with high risk of death or serious injury.

⚠ WARNING
Hazard with medium risk of death or serious injury.

⚠ CAUTION
There is a low-risk hazard that could result in medium or minor injury.

Warning of damage to property or environment

NOTICE
The environment, equipment, or data may be damaged.

Information on handling the product

This information includes, for example:
recommendations for action, assistance or further information on the product.

1.3 Documentation issue status

Version	Comment
1.0	• First release.

Firmware and hardware versions

This documentation refers to the firmware and hardware version that was applicable at the time the documentation was written.

The module features are continuously improved and developed further. Modules having earlier production statuses cannot have the same properties as modules with the latest status. However, existing properties are retained and are not changed, so that older modules can always be replaced with new ones.

The firmware and hardware version (delivery state) can be found in the batch number (D-number) printed on the side of the EtherCAT Box.

Syntax of the batch number (D-number)

D: WW YY FF HH	Example with D no. 29 10 02 01:
WW - week of production (calendar week) YY - year of production FF - firmware version HH - hardware version	29 - week of production 29 10 - year of production 2010 02 - firmware version 02 01 - hardware version 01

Further information on this topic: Version identification of EtherCAT devices [▶ 132].

2 EtherCAT Box - Introduction

The EtherCAT system has been extended with EtherCAT Box modules with protection class IP67. Through the integrated EtherCAT interface the modules can be connected directly to an EtherCAT network without an additional Coupler Box. The high-performance of EtherCAT is thus maintained into each module.

The extremely low dimensions of only 126 x 30 x 26.5 mm (h x w x d) are identical to those of the Fieldbus Box extension modules. They are thus particularly suitable for use where space is at a premium. The small mass of the EtherCAT modules facilitates applications with mobile I/O interface (e.g. on a robot arm). The EtherCAT connection is established via screened M8 connectors.

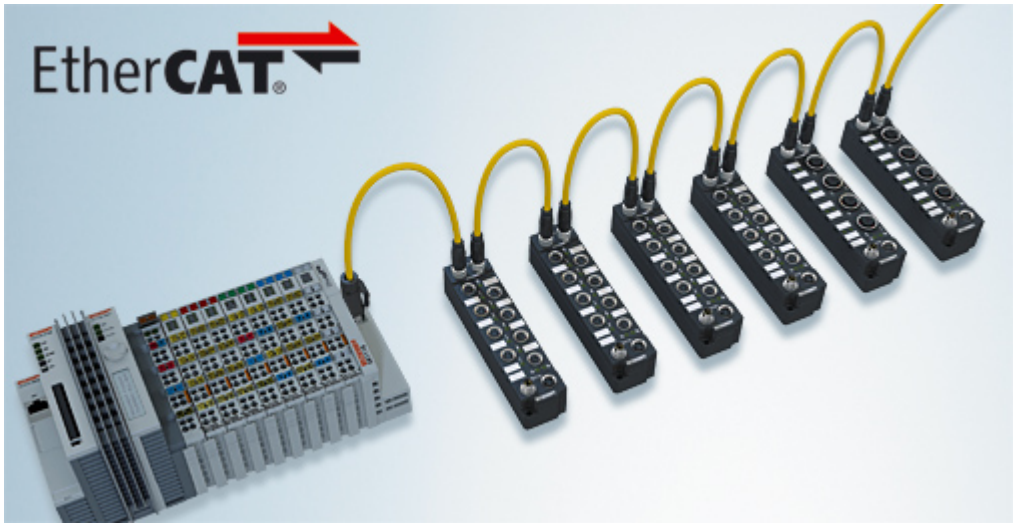


Fig. 1: EtherCAT Box Modules within an EtherCAT network

The robust design of the EtherCAT Box modules enables them to be used directly at the machine. Control cabinets and terminal boxes are now no longer required. The modules are fully sealed and therefore ideally prepared for wet, dirty or dusty conditions.

Pre-assembled cables significantly simplify EtherCAT and signal wiring. Very few wiring errors are made, so that commissioning is optimized. In addition to pre-assembled EtherCAT, power and sensor cables, field-configurable connectors and cables are available for maximum flexibility. Depending on the application, the sensors and actuators are connected through M8 or M12 connectors.

The EtherCAT modules cover the typical range of requirements for I/O signals with protection class IP67:

- digital inputs with different filters (3.0 ms or 10 µs)
- digital outputs with 0.5 or 2 A output current
- analog inputs and outputs with 16 bit resolution
- Thermocouple and RTD inputs
- Stepper motor modules

XFC (eXtreme Fast Control Technology) modules, including inputs with time stamp, are also available.

Fig. 2: EtherCAT Box with M8 connections for sensors/actuators

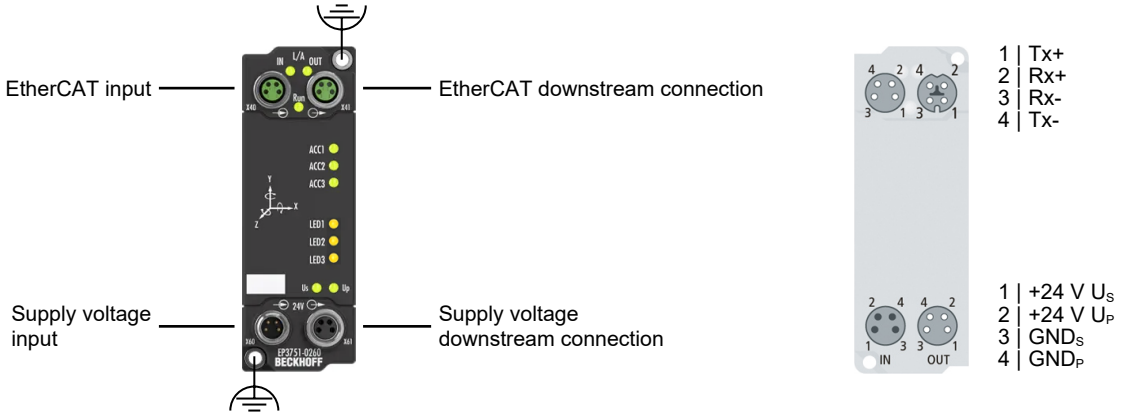
Fig. 3: EtherCAT Box with M12 connections for sensors/actuators

Basic EtherCAT documentation

You will find a detailed description of the EtherCAT system in the Basic System Documentation for EtherCAT, which is available for download from our website (www.beckhoff.com) under Downloads.

3 Product overview

3.1 Introduction



The EP3751-0260 EtherCAT Box module has an internal 6-axis MEMS sensor for measuring movements. The box module combines a 3-axis acceleration sensor and 3-axis gyroscope sensor that record acceleration and rotational movement in a very compact unit.

This can be used in AGVs, robotics or moving system parts, for example.

The integration of EtherCAT ensures virtually delay-free transmission and subsequent evaluation in the measuring system.

Quick links

Technical data [▶ 11]
Process image [▶ 14]
Commissioning and configuration [▶ 27]

NOTICE

Functional impairment due to ESD

Electromagnetic discharges on the supply voltage connections can lead to functional impairments.

- Only operate the EP3751-0260 with the ZS5000-0015 protection cover fitted, see chapter Protection cover ZS5000-0015 [▶ 130].

3.2 Technical data

All values are typical values over the entire temperature range, unless stated otherwise.

EtherCAT	
Connection	2 x M8 socket, 4-pin, A-coded, shielded
Electrical isolation	500 V
Distributed Clocks	yes

Supply voltages	
Connection	Input: M8 connector, 4-pin, A-coded Downstream connection: M8 socket, 4-pin, A-coded
U_S nominal voltage	24 V_{DC} (-15 % / +20 %)
U_S sum current: $I_{S,sum}$	max. 4 A
Current consumption from U_S	100 mA
Rated voltage U_P	24 V_{DC} (-15 % / +20 %)
U_P sum current: $I_{P,sum}$	max. 4 A
Current consumption from U_P	None. U_P is only forwarded.

Acceleration and angular velocity measurement	
Measured values	3 x acceleration, 3 x angular velocity
Measuring range acceleration	± 2…16 g, adjustable
Measuring range angular velocity	± 15.625 …2000 dps [1], adjustable
Sampling rate	100 Hz…4 kHz, d
Resolution	16 bits incl. sign The resolution depends on the selected measuring range, see chapter Measured value resolution [▶ 32].
Noise acceleration	70 µg/√Hz
Angular error (ARW)	0.2 °/√h
Temperature compensation	yes

[1] dps = degree per second, [°/s]

Housing data	
Dimensions W x H x D	30 mm x 86 mm x 22 mm (without plug connectors)
Weight	approx. 95 g
Installation position	variable
Material	PA6 (polyamide)

Environmental conditions	
Ambient temperature during operation	-25 … +60 °C -25 … +55 °C according to cURus
Ambient temperature during storage	-40 … +85 °C
Vibration resistance, shock resistance	conforms to EN 60068-2-6 / EN 60068-2-27 Additional tests [▶ 13]
EMC immunity / emission	conforms to EN 61000-6-2 / EN 61000-6-4
Protection class	IP65, IP66, IP67 (conforms to EN 60529)

Approvals/markings	
Approvals/markings [*]	CE, cURus [▶ 25]

*) Real applicable approvals/markings see type plate on the side (product marking).

Additional tests

The devices have undergone the following additional tests:

Test	Explanation
Vibration	10 frequency sweeps in 3 axes
	5 Hz < f < 60 Hz displacement 0.35 mm, constant amplitude
	60.1 Hz < f < 500 Hz acceleration 5 g, constant amplitude
Shocks	1000 shocks in each direction, in 3 axes
	35 g, 11 ms

3.3 Scope of supply

Make sure that the following components are included in the scope of delivery:

- 1x EP3751-0260
- 2x protective cap for EtherCAT socket, M8, green (pre-assembled)
- 1x protective cap for supply voltage input, M8, transparent (pre-assembled)
- 1x protective cap for supply voltage output, M8, black (pre-assembled)
- 10x labels, blank (1 strip of 10)

You also need a ZS5000-0015 protection cover, see chapter Protection cover ZS5000-0015 [▶ 130].
Operation without this protection cover is not permitted.

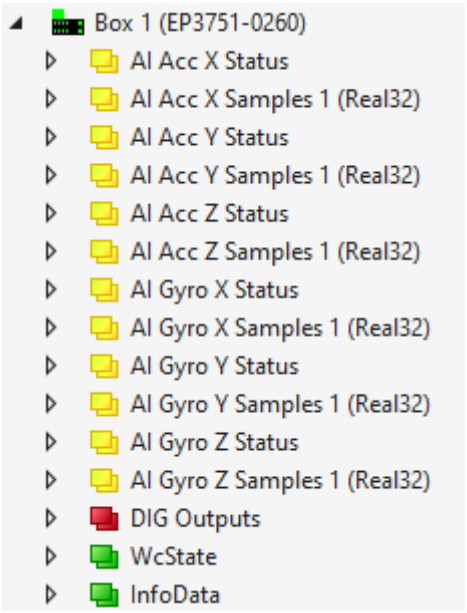
Pre-assembled protective caps do not ensure IP67 protection

Protective caps are pre-assembled at the factory to protect connectors during transport. They may not be tight enough to ensure IP67 protection.

Ensure that the protective caps are correctly seated to ensure IP67 protection.

3.4 Process image

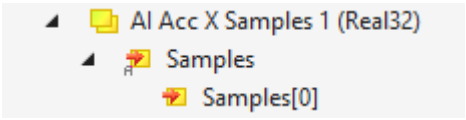
The following figure shows the representation of the process image in delivery state.



You can configure the process image via "Predefinded PDO Assignments", see chapter Setting a Predefined PDO Assignment [▶ 16].

The process data objects are described below as an example for the acceleration measuring axis "Acc X". The descriptions can be transferred to the other measuring axes "Acc Y/Z" and "Gyro X/Y/Z".

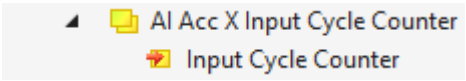
AI Acc X Samples 1 (Real32)



Samples[0]
The current measured value. The measuring unit in the delivery state is 1 g for the acceleration axes ("Acc") and 1 dps for the angular velocity axes ("Gyro").
When oversampling is enabled, the array "Samples" contains further elements "Samples[1]", "Samples[2]", etc.

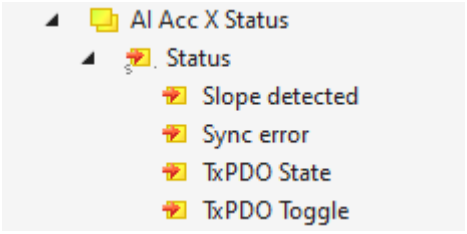
AI Acc X Input Cycle Counter (Real32)

This process data object is disabled in the factory settings. You can enable it by setting a corresponding Predefined PDO Assignment, see chapter Setting a Predefined PDO Assignment [▶ 16].



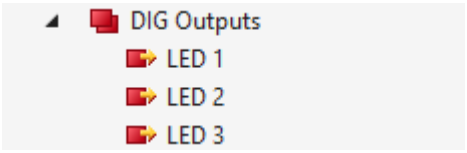
Input Cycle Counter
A counter from 0 to 65535_{dec}. It is incremented by 1 with each transmitted measured value ("Sample"). If it exceeds 65535_{dec}, it starts again at 0.
If oversampling is enabled, it is increased by the oversampling factor with each EtherCAT frame if the configuration is correct.

AI Acc X Status



Slope detected
This bit reports jumpy changes of the acceleration measuring value.
See chapter Status display [▶ 39].

Dig Outputs

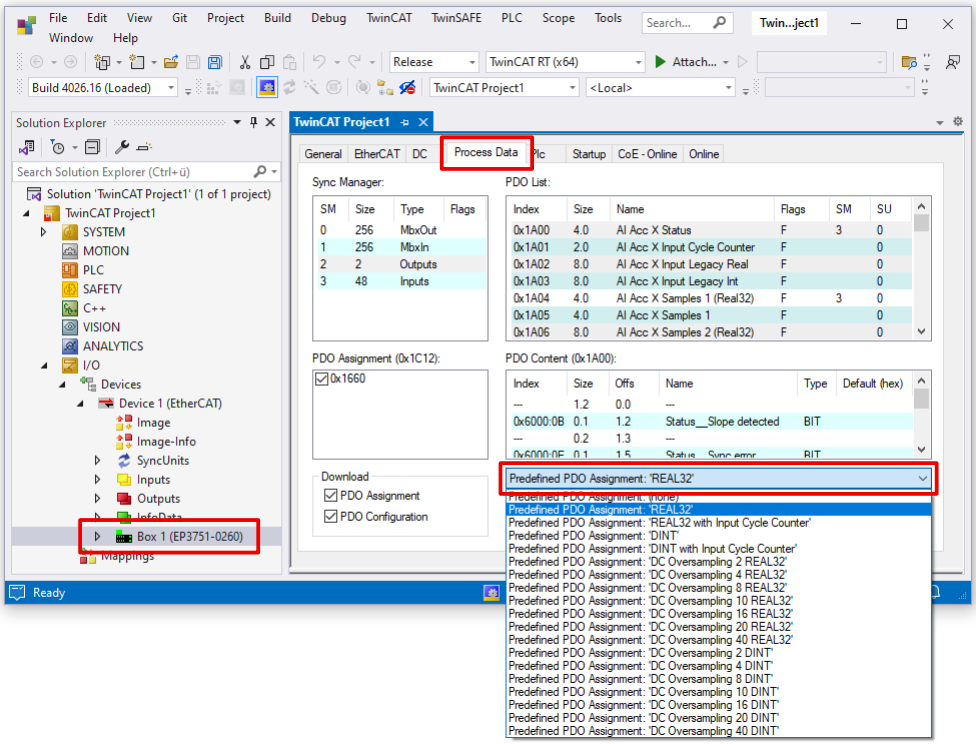


LED 1, LED 2, LED 3
Variables for controlling LEDs on the housing.
See chapter Controlling LEDs [▶ 42].

3.4.1 Setting a Predefined PDO Assignment

Predefined PDO Assignments are useful combinations of process data objects.

You can set the desired Predefined PDO Assignment in the "Process Data" tab.



Recommendation: Only use REAL32

Predefined PDO Assignments whose names contain the character string "DINT" switch the measured value format and the internal measured value processing from REAL32 (floating point) to DINT (integer).
These Predefined PDO Assignments only exist for reasons of downward compatibility. Their use is generally not recommended.

- Recommendation: Do not set a Predefined PDO Assignment whose designation contains the string "DINT".

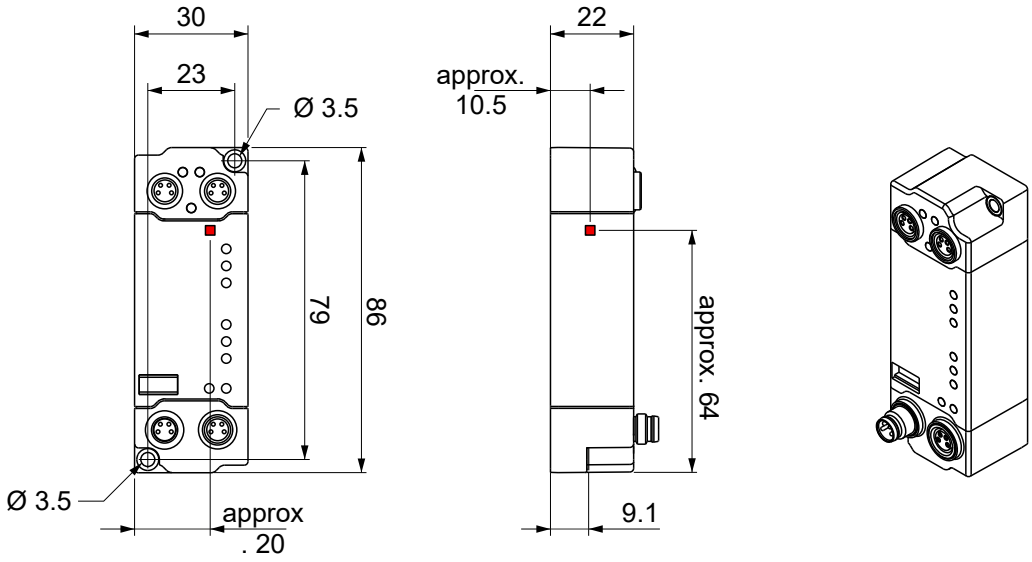
The following table only shows the recommended Predefined PDO Assignments (REAL32):

Predefined PDO Assignment	Use
REAL32 (Default)	Operation without oversampling
REAL32 with Input Cycle Counter	Operation without oversampling with additional process data object "AI Acc X Input Cycle Counter".
DC Oversampling 2 REAL32	Oversampling operation with oversampling factor 2.
DC Oversampling 4 REAL32	Oversampling operation with oversampling factor 4.
DC Oversampling 8 REAL32	Oversampling operation with oversampling factor 8.
DC Oversampling 10 REAL32	Oversampling operation with oversampling factor 10.
DC Oversampling 16 REAL32	Oversampling operation with oversampling factor 16.
DC Oversampling 20 REAL32	Oversampling operation with oversampling factor 20.
DC Oversampling 40 REAL32	Oversampling operation with oversampling factor 40.

4 Mounting and connection

4.1 Mounting

4.1.1 Dimensions



■ Position of the sensor

All dimensions are given in millimeters.
The drawing is not true to scale.

Housing features

Housing material	PA6 (polyamide)
Sealing compound	polyurethane
Mounting	two mounting holes Ø 3.5 mm for M3
Metal parts	brass, nickel-plated
Contacts	CuZn, gold-plated
Installation position	variable
Protection class	IP65, IP66, IP67 (conforms to EN 60529) when screwed together
Dimensions (H x W x D)	approx. 86 x 30 x 22 mm
Weight	approx. 90 g

4.1.2 Fixing

NOTICE

Dirt during assembly

Dirty connectors can lead to malfunctions. Protection class IP67 can only be guaranteed if all cables and connectors are connected.

- Protect the plug connectors against dirt during the assembly.

Mount the module with two M3 screws on the mounting holes in the corners of the module. The mounting holes have no thread.

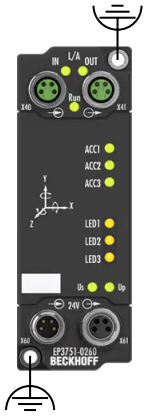
4.1.3 Tightening torques for plug connectors

Screw M8 connectors tight with a torque wrench. (e.g. ZB8801 from Beckhoff)
Torque: 0.4 Nm.

4.1.4 Functional earth (FE)

The mounting holes also serve as connections for the functional earth (FE).

Make sure that the box is grounded to low impedance via the functional earth (FE) connection. You can achieve this, for example, by mounting the box on a grounded machine bed.



4.2 Connection

4.2.1 EtherCAT

4.2.1.1 Connectors

NOTICE

Risk of confusion: supply voltages and EtherCAT

Defect possible through incorrect insertion.

- Observe the color coding of the connectors:
  black: Supply voltages
  green: EtherCAT

EtherCAT Box Modules have two green M8 sockets for the incoming and downstream EtherCAT connections.

Connection

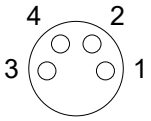


Fig. 4: M8 socket

EtherCAT	M8 socket	Core colors		
Signal	**Contact**	**ZB9010, ZB9020, ZB9030, ZB9032, ZK1090-6292, ZK1090-3xxx-xxxx**	**ZB9031 and old versions of ZB9030, ZB9032, ZK1090-3xxx-xxxx**	**TIA-568B**
Tx +	1	yellow[1)]	orange/white	white/orange
Tx -	4	orange[1)]	orange	orange
Rx +	2	white[1)]	blue/white	white/green
Rx -	3	blue[1)]	blue	green
Shield	Housing	Shield	Shield	Shield

[1)] Core colors according to EN 61918

Adaptation of core colors for cables ZB9030, ZB9032 and ZK1090-3xxxx-xxxx

For standardization, the core colors of the ZB9030, ZB9032 and ZK1090-3xxx-xxxx cables have been changed to the EN61918 core colors: yellow, orange, white, blue. So there are different color codes in circulation. The electrical properties of the cables have been retained when the core colors were changed.

4.2.1.2 Status LEDs

L/A (Link/Act)

A green LED labelled "L/A" is located next to each EtherCAT socket. The LED indicates the communication state of the respective socket:

LED	Meaning
off	no connection to the connected EtherCAT device
lit	LINK: connection to the connected EtherCAT device
flashes	ACT: communication with the connected EtherCAT device

Run

Each EtherCAT slave has a green LED labelled "Run". The LED signals the status of the slave in the EtherCAT network:

LED	Meaning
off	Slave is in "Init" state
flashes uniformly	Slave is in "Pre-Operational“ state
flashes sporadically	Slave is in "Safe-Operational" state
lit	Slave is in "Operational" state

Description of the EtherCAT slave states

4.2.1.3 Cables

For connecting EtherCAT devices only shielded Ethernet cables that meet the requirements of at least category 5 (CAT5) according to EN 50173 or ISO/IEC 11801 should be used.

EtherCAT uses four wires for signal transmission.
Thanks to automatic line detection ("Auto MDI-X"), both symmetrical (1:1) or cross-over cables can be used between Beckhoff EtherCAT.

Detailed recommendations for the cabling of EtherCAT devices

4.2.2 Supply voltages

⚠ WARNING

Power supply from SELV / PELV power supply unit!

SELV / PELV circuits (safety extra-low voltage / protective extra-low voltage) according to IEC 61010-2-201 must be used to supply this device.

Notes:

- SELV / PELV circuits may give rise to further requirements from standards such as IEC 60204-1 et al, for example with regard to cable spacing and insulation.
- A SELV supply provides safe electrical isolation and limitation of the voltage without a connection to the protective conductor, a PELV supply also requires a safe connection to the protective conductor.

⚠ CAUTION

Observe the UL requirements

- When operating under UL conditions, observe the warnings in the chapter UL Requirements [▶ 25].

The EtherCAT Box has one input for two supply voltages:

- **Control voltage U_S**
  The following sub-functions are supplied from the control voltage U_S:
  - the fieldbus
  - the processor logic
  - typically the inputs and the sensors if the EtherCAT Box has inputs.
- **Peripheral voltage U_P**
  For EtherCAT Box modules with digital outputs the digital outputs are typically supplied from the peripheral voltage U_P. U_P can be supplied separately. If U_P is switched off, the fieldbus function, the function of the inputs and the supply of the sensors are maintained.

The exact assignment of U_S and U_P can be found in the pin assignment of the I/O connections.

Redirection of the supply voltages

The power IN and OUT connections are bridged in the module. Hence, the supply voltages U_s and U_p can be passed from EtherCAT Box to EtherCAT Box in a simple manner.

NOTICE

Note the maximum current!

Ensure that the permitted current for the connectors is not exceeded when routing the supply voltages U_S and U_P:

M8 connector: max. 4 A
7/8" connector: max 16 A

NOTICE

Unintentional cancellation of the electrical isolation possible

In some types of EtherCAT Box modules the ground potentials GND_S and GND_P are connected.

- If several EtherCAT Box modules are supplied with the same electrically isolated voltages, check whether there is an EtherCAT Box among them in which the ground potentials are connected.

4.2.2.1 Connectors

NOTICE

Risk of confusion: supply voltages and EtherCAT

Defect possible through incorrect insertion.

- Observe the color coding of the connectors:
  black: Supply voltages
  green: EtherCAT

NOTICE

Functional impairment due to ESD

Electromagnetic discharges on the supply voltage connections can lead to functional impairments.

- Only operate the EP3751-0260 with the ZS5000-0015 protection cover fitted, see chapter Protection cover ZS5000-0015 [▶ 130].

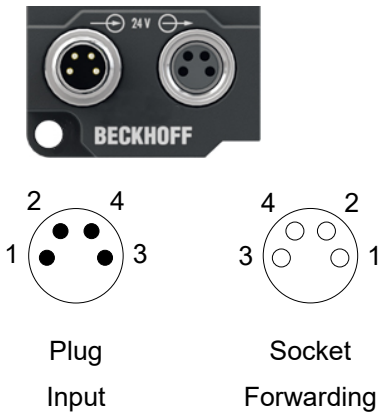


Fig. 5: M8 connector

Contact	Function	Description	Core color [1)]
1	U_S	Control voltage	Brown
2	U_P	Peripheral voltage	White
3	GND_S	GND to U_S	Blue
4	GND_P	GND to U_P	Black

[1)] The core colors apply to cables of the type: Beckhoff ZK2020-3xxx-xxxx

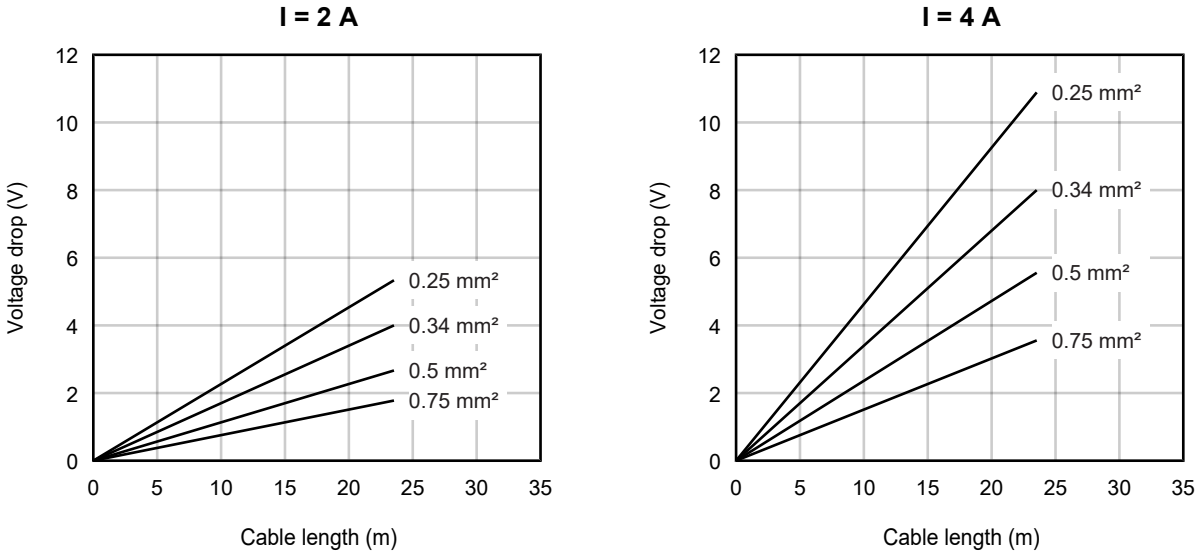
4.2.2.2 Status LEDs

LED	Display	Meaning
U_S (control voltage)	off	The supply voltage U_S is not available.
	green illuminated	The supply voltage U_S is available.
U_P (peripheral voltage)	off	The supply voltage U_P is not available.
	green illuminated	The supply voltage U_P is available.

4.2.2.3 Conductor losses

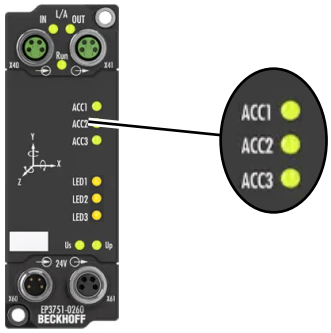
Take into account the voltage drop on the supply line when planning a system. Avoid the voltage drop being so high that the supply voltage at the box lies below the minimum nominal voltage.
Variations in the voltage of the power supply unit must also be taken into account.

Voltage drop on the supply line



4.3 Function test

By means of the LEDs "ACC1", "ACC2" and "ACC3" you can check whether the acceleration measurement is working even without control and without EtherCAT communication.



The LEDs light up when a vibration is detected, e.g. when you tap your finger against the housing. See also Chapter Status display [▶ 39].

The prerequisite for the function test is that the supply voltages are present.

4.4 UL Requirements

The installation of the EtherCAT Box Modules certified by UL has to meet the following requirements.

Supply voltage

⚠ CAUTION

CAUTION!

This UL requirements are valid for all supply voltages of all marked EtherCAT Box Modules!
For the compliance of the UL requirements the EtherCAT Box Modules should only be supplied

- by a 24 V_{DC} supply voltage, supplied by an isolating source and protected by means of a fuse (in accordance with UL248), rated maximum 4 Amp, or
- by a 24 V_{DC} power source, that has to satisfy *NEC class 2*.
  A *NEC class 2* power supply shall not be connected in series or parallel with another (class 2) power source!

⚠ CAUTION

CAUTION!

To meet the UL requirements, the EtherCAT Box Modules must not be connected to unlimited power sources!

Networks

⚠ CAUTION

CAUTION!

To meet the UL requirements, EtherCAT Box Modules must not be connected to telecommunication networks!

Ambient temperature range

⚠ CAUTION

CAUTION!

To meet the UL requirements, EtherCAT Box Modules has to be operated only at an ambient temperature range of -25 °C to +55 °C!

Marking for UL

All EtherCAT Box Modules certified by UL (Underwriters Laboratories) are marked with the following label.

Fig. 6: UL label

4.5 Disposal

Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

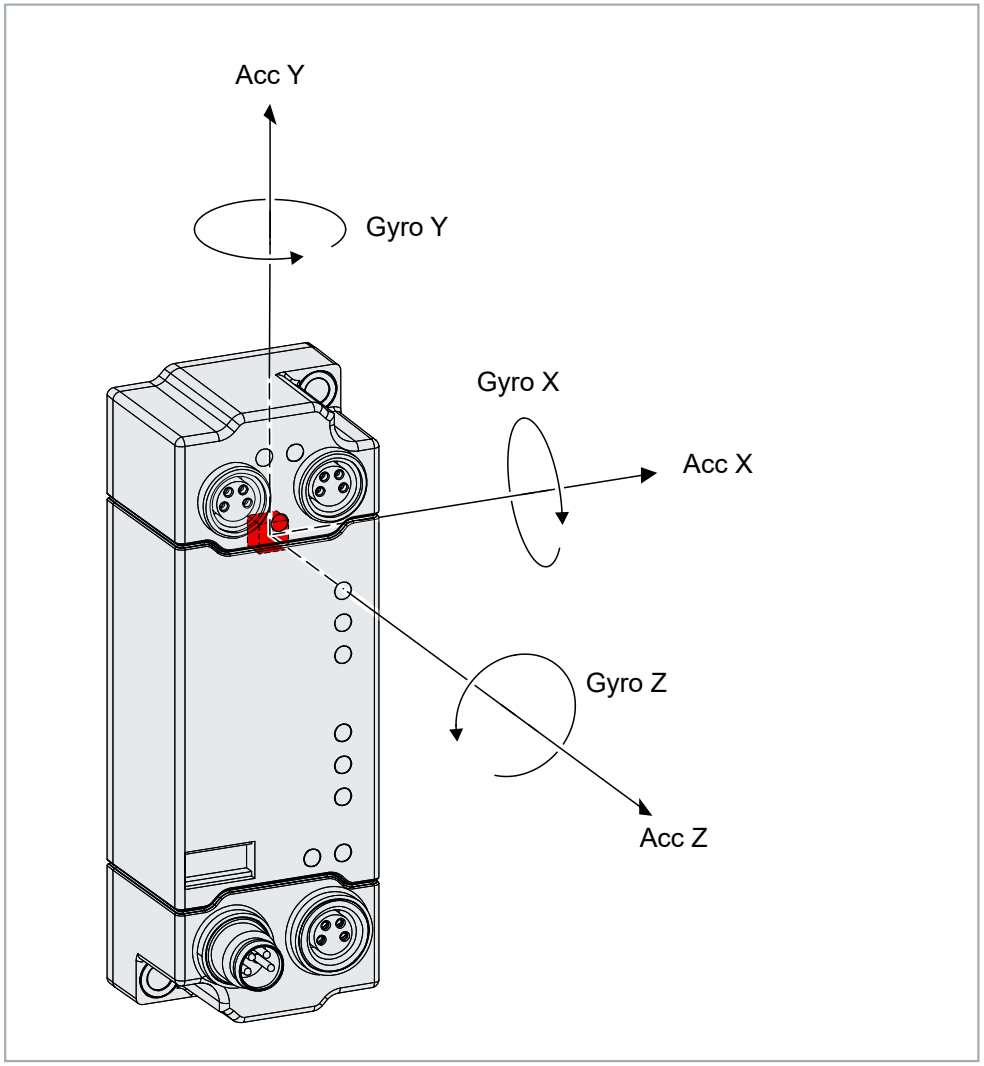
5 Commissioning and configuration

5.1 Integrating into a TwinCAT project

The procedure for integration in a TwinCAT project is described in these Quick start guide.

5.2 Acceleration and angular velocity measurement

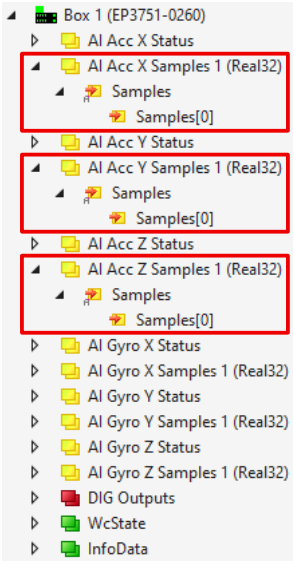
The following figure shows the position of the measuring axes in relation to the housing.



The exact position of the sensor in the housing can be found in the chapter Dimensions [▶ 17].

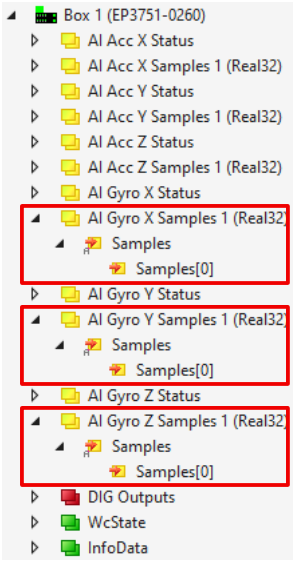
Measured acceleration values

The current measured acceleration values are transferred to the variables "Samples[0]" in the process data objects "AI Acc X/Y/Z Samples 1 (Real32)".
In the factory setting, the measured values are scaled in the unit [g] (9.81 m/s^2).



Angular velocity measured values

The current angular velocity measured values are transferred to variables "Samples[0]" in the process data objects "AI Gyro X/Y/Z Samples 1 (Real32)".
In the factory setting, the measured values are scaled in the unit [dps] (°/s).



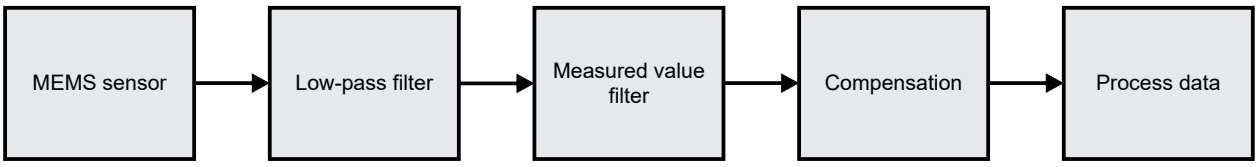
Configuration

The following settings are available for the measuring axes:

- Measuring ranges [▶ 30]
- Sampling-Rate (ODR) [▶ 33]
- Oversampling [▶ 37]
- Measured value filter [▶ 34]

5.2.1 Signal flow

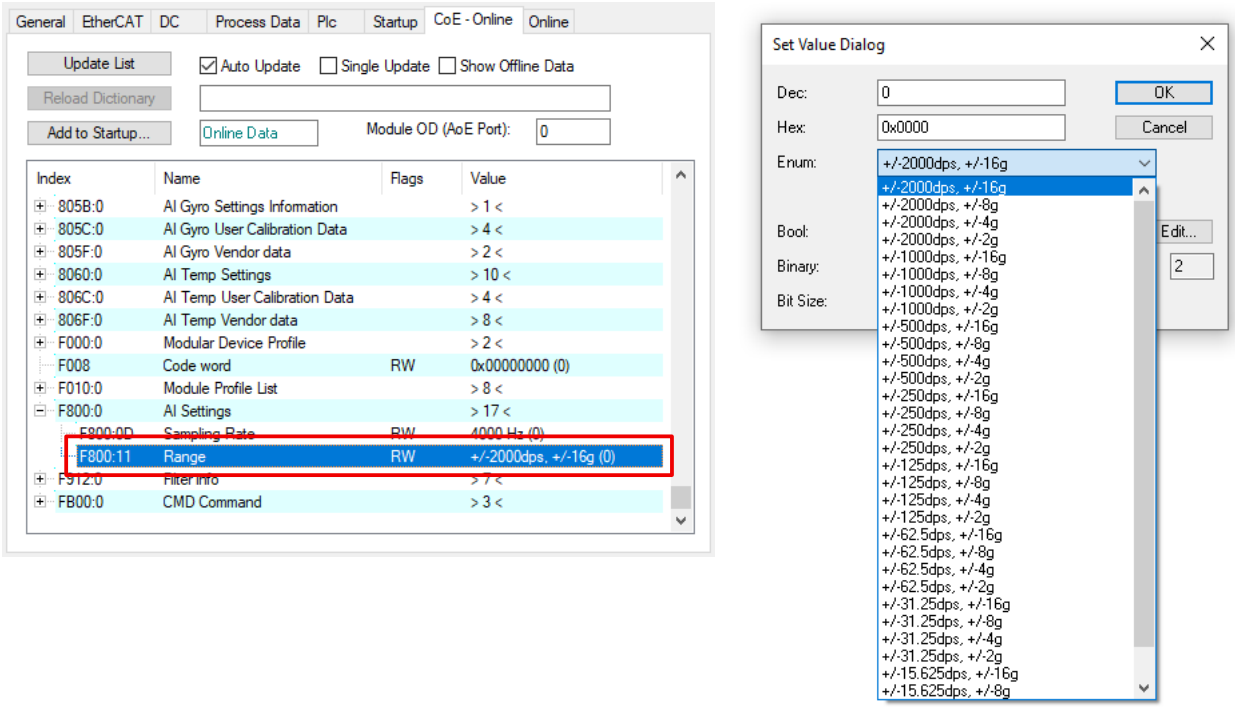
The following diagram shows the internal signal flow of one of the measuring axes. All six measuring axes have the same structure.



The low-pass filter is configured together with the sampling rate of the sensor, see chapter Sampling-Rate (ODR) [▶ 33].

5.2.2 Measuring ranges

You can set the measuring ranges for acceleration and angular velocity in parameter F800:11 "Range". Factory setting: "+/-2000dps, +/-16g".
This parameter applies to all six measuring axes. An individual setting for individual axes is not possible.



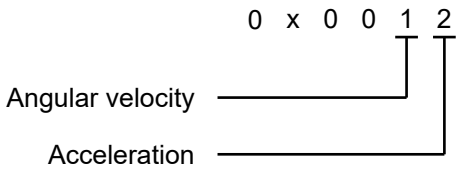
The setting of the measuring ranges also influences the following factors:

- The measured value noise. The smaller the selected measuring range, the lower it is.
- The resolution of the measured values. See chapter Measured value resolution [▶ 32].

Setting via numerical values

You will need the following information if you do not set the measuring ranges in TwinCAT via the dialog box.

The angular velocity measuring range and the acceleration measuring range are each coded in a hexadecimal digit ("Nibble") in parameter F800:11 "Range":



Possible values for the angular velocity measuring range:

Value	Angular velocity measuring range
0	+/- 2000dps
1	+/- 1000dps
2	+/- 500dps
3	+/- 250dps
4	+/- 125dps
5	+/- 62.5dps
6	+/- 31.25dps
7	+/- 15.625dps

Possible values for the acceleration measuring range:

Value	Acceleration measuring range
0	+/- 16g
1	+/- 8g
2	+/- 4g
3	+/- 2g

5.2.3 Measured value resolution

The resolution of the measured values is determined by the choice of measuring range. The choice of measuring range is described in the chapter Measuring ranges [▶ 30].

Acceleration measuring axes

Measuring range	Resolution
+/-2g	1/16384 g
+/-4g	1/8192 g
+/-8g	1/4096 g
+/-16g	1/2048 g

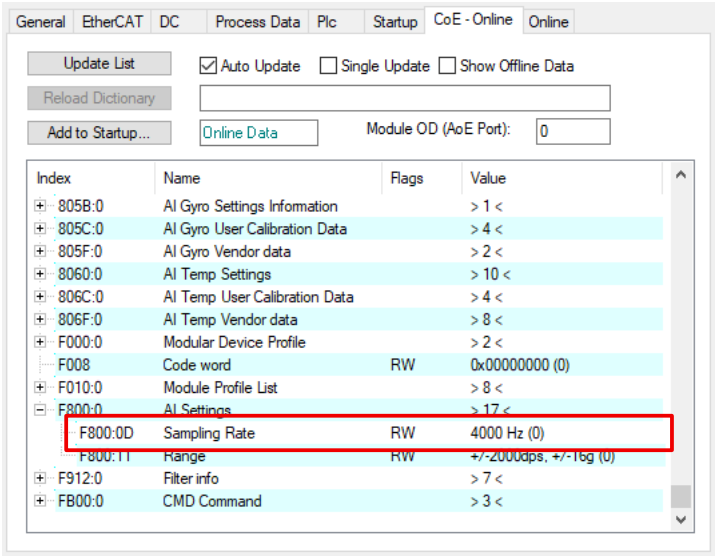
Angular velocity measuring axes

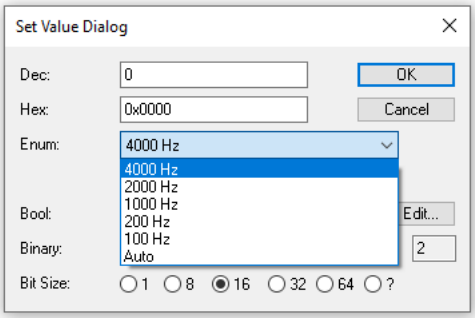
Measuring range	Resolution
+/-15,625dps	1/2097.2 °/s
+/-31,25dps	1/1048.6 °/s
+/-62,5dps	1/524.3 °/s
+/-125dps	1/262 °/s
+/-250dps	1/131 °/s
+/-500dps	1/65.5 °/s
+/-1000dps	1/32.8 °/s
+/-2000dps	1/16.4 °/s

5.2.4 Sampling-Rate (ODR)

The sampling rate specifies how often the box provides an updated measured value for the controller.

You can set the sampling rate in parameter F800:0D “Sampling rate”. Factory setting: "4000 Hz".
This parameter applies to all six measuring axes. An individual setting for individual axes is not possible.





The sampling rate setting also influences the following factors:

- The measured value noise. The lower the sampling rate, the lower it is.
  (prerequisite: the maximum EtherCAT cycle time specified below is observed)
- The cut-off frequency of the integrated low-pass filter, which is used to pre-filter the measured values. This low-pass filter cannot be disabled.
- The recommended maximum EtherCAT cycle time.

The following table shows the possible values for the sampling rate, the associated cut-off frequency of the low-pass filter and the maximum EtherCAT cycle time recommended in each case.

Value	Sampling-Rate (ODR)	3 dB cut-off frequency of the low-pass filter	Recommended maximum EtherCAT cycle time (For operation without over-sampling)
0	4000 Hz	1000 Hz	250 µs
1	2000 Hz	500 Hz	500 µs
2	1000 Hz	62.5 Hz	1 ms
3	200 Hz	100 Hz	5 ms
4	100 Hz	100 Hz	10 ms
255	"Auto" [1)]	According to the automatically selected sampling rate.	Variable. The sampling rate adapts to the cycle time.

[1)] With the value "Auto", the sampling rate automatically adapts to the EtherCAT cycle time.

If the sampling rate is not set to “Auto”, ensure that the recommended maximum EtherCAT cycle time for the set sampling rate is not exceeded during operation without oversampling. If necessary, reduce the sampling rate or the EtherCAT cycle time of the controller. This prevents measuring errors due to aliasing effects.

5.2.5 Measured value filter

Each measuring axis has an integrated digital filter. You can enable and configure the filter individually for each measuring axis.

Recommendation: use "Filter Designer"

Use the TE1310 | "TwinCAT 3 Filter Designer" for a simplified configuration of the filters, see https://www.beckhoff.com/te1310.

Manual configuration

If you do not use the "TwinCAT 3 Filter Designer", you must configure the filters manually using CoE parameters. This is particularly recommended for simple predefined filters.

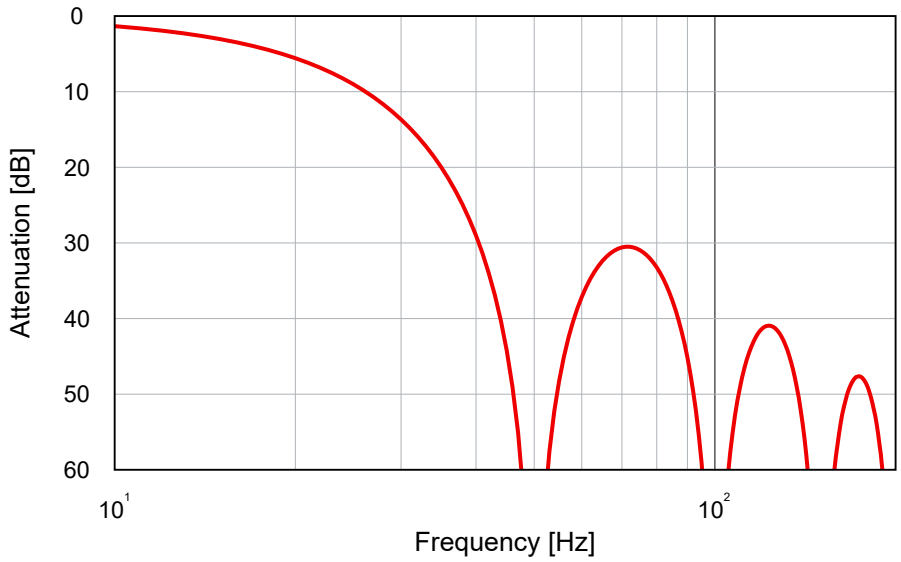
Set the type of filter in the CoE parameter "Filter Settings" of the respective measuring axis:

Measuring axis	Parameter "Filter Settings"
Acc X	8000:15
Acc Y	8010:15
Acc Z	8020:15
Gyro X	8030:15
Gyro Y	8040:15
Gyro Z	8050:15

The following filter types are available there:

Value	Name	Comment
0	None	Filter disabled.
1	FIR Notch 50 Hz	Notch filter as 50 Hz hum filter.
2	FIR Notch 60 Hz	Notch filter as 60 Hz hum filter.
19_{dec}	IIR Butterw. LP 5th Ord. 25Hz	5th order Butterworth low-pass filter with a cut-off frequency of 25 Hz.
32_{dec}	User Defined FIR Filter	Recommendation: only use this filter type with the "TwinCAT Filter Designer", see above.
33_{dec}	User Defined IIR Filter	Recommendation: only use this filter type with the "TwinCAT Filter Designer", see above.
34_{dec}	User Defined Average Filter	Moving average filter. Set the number of averaged measured values (samples) in parameter 80n1:01 "Filter Coefficient 1".

Notch filter curve, example 50 Hz



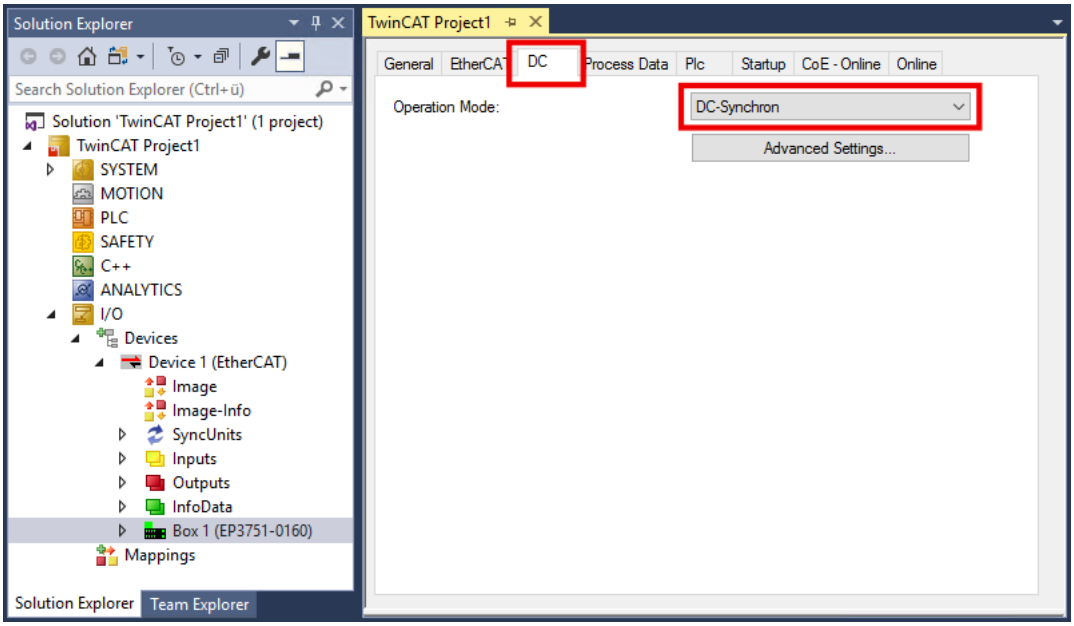
5.2.6 Distributed Clocks

The function "Distributed Clocks" enables equidistant sampling of the measured values. Equidistant sampling is a prerequisite for the application of the Nyquist-Shannon sampling theorem.

A possible use case for the "Distributed Clocks" would be, for example, a frequency analysis of the measured acceleration values.

Enable

1. Set the EtherCAT cycle time to a multiple of 250 µs.
2. On the “DC” tab, select the “DC-Synchron” option in the “Operation Mode” list box.



3. Activate the configuration.

Synchronization delayed at startup

After activating the configuration or a power cycle, it takes approx. 100 ms for the sampling rate to synchronize with the distributed clocks.

5.2.7 Oversampling

Basics

When operating without oversampling, process data is transferred exactly once per EtherCAT cycle. Conversely, the temporal resolution of a process record directly depends on the communication cycle time. Higher temporal resolution is only possible through a reduction in cycle time - with associated practical limits.

Oversampling enables multiple sampling of an input variable within an EtherCAT cycle and subsequent transmission of the measured values in an array. The oversampling factor describes the number of samples within an EtherCAT cycle and is therefore an integer.

Requirements

- The EtherCAT master is real-time capable.
- Distributed clocks is activated, see chapter Distributed Clocks [▶ 36].
- The cycle time is a maximum of 10 ms (recommended).
- The EtherCAT cycle time must be an integer multiple of the sample time (1/ODR). The integer multiple is the oversampling factor. Permissible oversampling factors are: 2, 4, 8, 10, 16, 20 and 40.

Selecting the oversampling factor

The following table shows the oversampling factors for all permissible combinations of EtherCAT cycle time and sampling rate (ODR) in accordance with the above requirements. Set the oversampling factor by selecting the corresponding Predefined PDO Assignment. See chapter Setting a Predefined PDO Assignment [▶ 16].

EtherCAT cycle time	Sampling-Rate (ODR)				
	4000 Hz	2000 Hz	1000 Hz	200 Hz	100 Hz
0.5 ms	2	--	--	--	--
1 ms	4	2	--	--	--
2 ms	8	4	2	--	--
2.5 ms	10	--	--	--	--
4 ms	16	--	4	--	--
5 ms	20	8	--	--	--
8 ms	--	16	8	--	--
10 ms	40	20	10	2	--

5.2.8 Calibration and scaling

5.2.8.1 User calibration

You can use the user calibration to minimize the measurement uncertainty.

During user calibration, the measured values are calculated internally using a correction function. The correction function has the following form:

$$Y_U = G_U \times X_U + O_U$$

Y_U : Measured value after the user calibration

X_U : Measured value before the user calibration

G_U : Gain

O_U : Offset

Enable user calibration

The user calibration is disabled in the factory setting. It can be activated individually for each measuring axis. To do this, set the corresponding CoE parameter “Enable user calibration” to TRUE:

Measuring axis	"Enable user calibration"
Acc X	8000:0A
Acc Y	8010:0A
Acc Z	8020:0A
Gyro X	8030:0A
Gyro Y	8040:0A
Gyro Z	8050:0A

Setting the calibration coefficients

Set the calibration coefficients via the following CoE parameters:

Measuring axis	Offset "S0"	Gain "S1"	"Calibration date"
Acc X	800C:03	800C:04	800C:01
Acc Y	801C:03	801C:04	801C:01
Acc Z	802C:03	802C:04	802C:01
Gyro X	803C:03	803C:04	803C:01
Gyro Y	804C:03	804C:04	804C:01
Gyro Z	805C:03	805C:04	805C:01

Factory setting:

- Offset S0 = 0.0
- Gain S1 = 1.0

Value range:

- Offset S0: -2^{23}…$+2^{23}$
- Gain S1: 0…2

Calibration Date

This parameter is intended to save the calibration date.

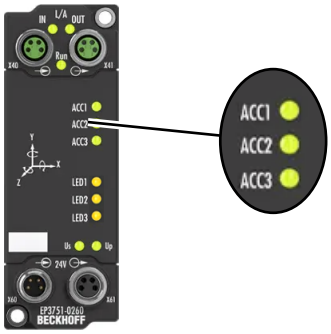
Recommendation: Code the date in the same way as it is coded in the Beckhoff Measurement Technology. For example, 25.08.2015 is coded as 0x15 20 08 25.
(Little Endian; each decimal digit is represented by a hexadecimal digit ("Nibble")).

This coding is unusual, but makes the date directly human-readable in TwinCAT.

5.2.9 Status display

Abrupt changes in the measured acceleration values are signaled in two ways:

- The LEDs "ACC1", "ACC2" and "ACC3" flash:
  "ACC1" for the x-direction, "ACC2" for the y-direction, "ACC3" for the z-direction.



- The bits "Slope detected" in the process data are set synchronously with the LEDs.

You can use the LEDs for a quick function test after assembly. See chapter Function test [▶ 24].

Setting the sensitivity

You can set the sensitivity of the status display for each channel individually in the parameters 80n0:1E “Slope detection sensitivity”.

Value	Name
0	Very high
1	High
2 (factory setting)	Medium
3	Low
4	Very low
65535	Off

This setting is stored non-volatile in the device. For a function test after assembly, you can therefore set the sensitivity in advance according to the expected vibrations.

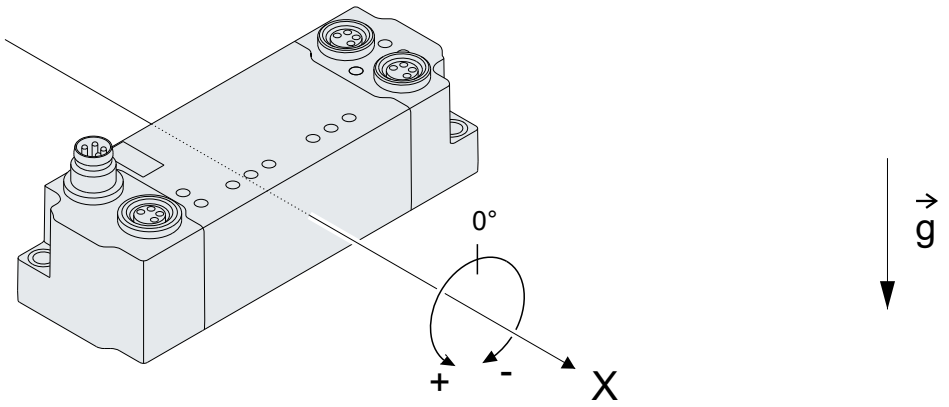
5.3 Inclination measurement

The inclination measurement determines the inclination of the box in relation to the gravity. You can calculate the angle of inclination in a PLC program from the measured acceleration values.

If the box is tilted only in one axis, the calculation is possible with a simple formula.
If the box is tilted in several axes at the same time, the calculation is more complicated. Further information can be found, for example, on the Internet under the keyword "Euler angles".

The following examples show the calculation of the angle of inclination when tilting about one axis at a time.

Example: Inclination around the x-axis, "Roll"



Formula:

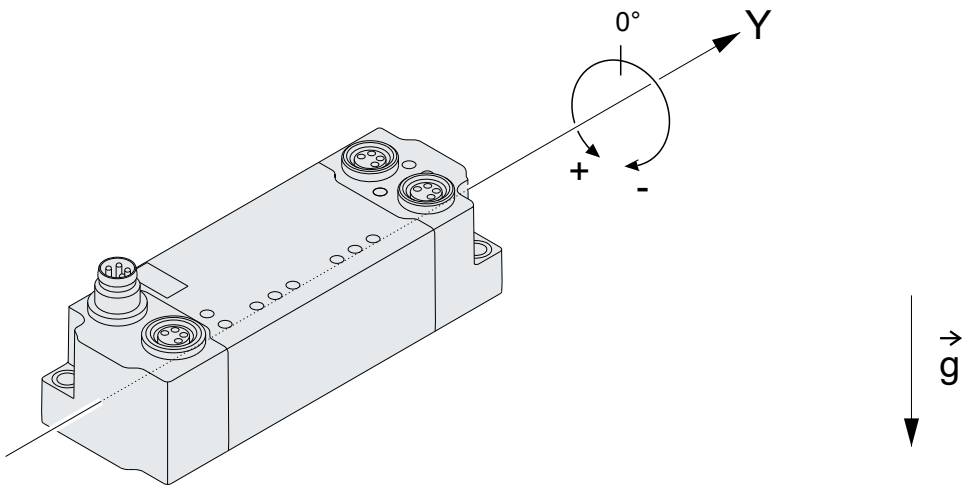
$$\phi = tan^{-1}(\frac{a_y}{\sqrt{a_x^2 + a_z^2}}) * \frac{360^\circ}{2\pi}$$

Implementation in TwinCAT:

```
IF NOT ((ax = 0) AND (az = 0)) THEN
    roll := ATAN(ay / (SQRT(ax * ax + az * az))) * 360/(2*3.14);
END_IF
```

(Note: the IF statement prevents division by zero)

Example: Inclination around the y-axis, "Pitch"



Formula:

$$\theta = tan^{-1}(\frac{a_x}{\sqrt{a_y^2 + a_z^2}}) * \frac{360^\circ}{2\pi}$$

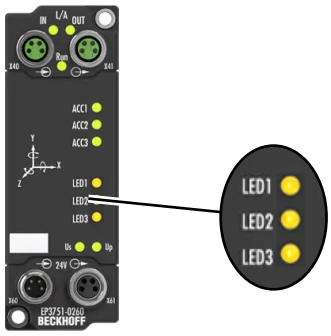
Implementation in TwinCAT:

```
IF NOT ((ay = 0) AND (az = 0)) THEN
    pitch := ATAN(ax / (SQRT(ay * ay + az * az))) * 360/(2*3.14);
END_IF
```

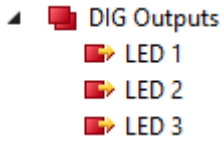
(Note: the IF statement prevents division by zero)

5.4 Controlling LEDs

You can control three LEDs on the front of the housing via the process data: "LED1", "LED2" and "LED3".



For each LED there is a variable in the process data object "DIG Outputs".



To switch on an LED, set the corresponding variable to 1.

6 CoE objects

6.1 Objects for parameterization

Index 8pp0 AI Acc Settings / AI Gyro Settings

- Measuring axis "Acc X": Index 8000
- Measuring axis "Acc Y": Index 8010
- Measuring axis "Acc Z": Index 8020
- Measuring axis "Gyro X": Index 8030
- Measuring axis "Gyro Y": Index 8040
- Measuring axis "Gyro Z": Index 8050

Subindex (hex)	Name	Meaning	Data type	Flags	Default
0	AI Acc/Gyro Settings		UINT8	RO	0x1E (30_{dec})
0A	Enable user calibration	Enables user calibration. See chapter User calibration [▶ 38].	BOOLEAN	RW	0x00 (0_{dec})
0B	Enable vendor calibration	Enables vendor calibration.	BOOLEAN	RW	0x01 (1_{dec})
15	Filter settings	Filter type. See chapter Measured value filter [▶ 34].	UINT16	RW	0x0000 (0_{dec})
1E	Slope detection sensitivity	Sensitivity of the status display (LEDs). See chapter Status display [▶ 39].	UINT16	RW	0x0002 (2_{dec})

Index 8pp1 AI Acc Filter 1 Settings

Filter coefficients for the filter types "User Defined FIR Filter", "User Defined IIR Filter" and "User Defined Average Filter". For more information, see chapter Measured value filter [▶ 34].

- Measuring axis "Acc X": Index 8001
- Measuring axis "Acc Y": Index 8011
- Measuring axis "Acc Z": Index 8021
- Measuring axis "Gyro X": Index 8031
- Measuring axis "Gyro Y": Index 8041
- Measuring axis "Gyro Z": Index 8051

Subindex (hex)	Name	Meaning	Data type	Flags	Default
0	AI Acc Filter 1 Settings		UINT8	RO	0x28 (40_{dec})
01	Filter Coefficient 1		INT32	RW	0x00000000 (0_{dec})
02	Filter Coefficient 2		INT32	RW	0x00000000 (0_{dec})
03	Filter Coefficient 3		INT32	RW	0x00000000 (0_{dec})
…	…	…	…	…	…
26	Filter Coefficient 38		INT32	RW	0x00000000 (0_{dec})
27	Filter Coefficient 39		INT32	RW	0x00000000 (0_{dec})
28	Filter Coefficient 40		INT32	RW	0x00000000 (0_{dec})

Index 8ppB AI Acc Settings Information

Subindex (hex)	Name	Meaning	Data type	Flags	Default
0	AI Acc Settings Information		UINT8	RO	0x01 (1_{dec})
01	Info 1		STRING	RW	

Index 8ppC AI Acc User Calibration Data

Parameters for user calibration. For more information, see chapter User calibration [▶ 38].

- Measuring axis "Acc X": Index 800C
- Measuring axis "Acc Y": Index 801C
- Measuring axis "Acc Z": Index 802C
- Measuring axis "Gyro X": Index 803C
- Measuring axis "Gyro Y": Index 804C
- Measuring axis "Gyro Z": Index 805C

Subindex (hex)	Name	Meaning	Data type	Flags	Default
0	AI Acc User Calibration Data		UINT8	RO	0x04 (4_{dec})
01	Calibration Date	Date of the user calibration.	OCTET-STRING[4]	RW	{0}
03	S0	Offset	REAL32	RW	0x00000000 (0_{dec})
04	S1	Gain	REAL32	RW	0x3F800000 (1065353216_{dec})

Index 8ppF AI Acc Vendor data

Subindex (hex)	Name	Meaning	Data type	Flags	Default
0	AI Acc Vendor data		UINT8	RO	0x02 (2_{dec})
01	Offset		INT16	RW	0x0000 (0_{dec})
02	Gain		INT16	RW	0x4000 (16384_{dec})

Index 806F AI Temp Vendor data

Index (hex)	Name	Meaning	Data type	Flags	Default
806F:0	AI Temp Vendor data		UINT8	RO	0x08 (8_{dec})
806F:01	Offset		INT16	RW	0x0000 (0_{dec})
806F:02	Gain		INT16	RW	0x0000 (0_{dec})
806F:03	shd0		UINT8	RW	0x00 (0_{dec})
806F:04	shd1		UINT8	RW	0x00 (0_{dec})
806F:05	shd2		UINT8	RW	0x00 (0_{dec})
806F:06	shd3		UINT8	RW	0x00 (0_{dec})
806F:07	shd4		UINT8	RW	0x00 (0_{dec})
806F:08	shd5		UINT8	RW	0x00 (0_{dec})

Index F800 AI Settings

Index (hex)	Name	Meaning	Data type	Flags	Default
F800:0	AI Settings		UINT8	RO	0x11 (17_{dec})
F800:0D	Sampling Rate	Selection of sampling rate (ODR) for all measuring axes. • 0: 4000 Hz • 1: 2000 Hz • 2: 1000 Hz • 3: 200 Hz • 4: 100 Hz See chapter Sampling-Rate (ODR) [▶ 33].	UINT16	RW	0x0000 (0_{dec})
F800:11	Range	Setting the measuring ranges. See chapter Measuring ranges [▶ 30].	UINT16	RW	0x0000 (0_{dec})

6.2 Standard objects

Index 1000 Device type

Index (hex)	Name	Meaning	Data type	Flags	Default
1000:0	Device type	Device type of the EtherCAT slave: the Lo-Word contains the used CoE profile (5001). The Hi-Word contains the module profile according to the modular device profile.	UINT32	RO	0x00001389 (5001_{dec})

Index 1008 Device name

Index (hex)	Name	Meaning	Data type	Flags	Default
1008:0	Device name	Device name of the EtherCAT slave	STRING	RO	EP3751-0260

Index 1009 Hardware version

Index (hex)	Name	Meaning	Data type	Flags	Default
1009:0	Hardware version	Hardware version of the EtherCAT slave	STRING	RO	

Index 100A Software version

Index (hex)	Name	Meaning	Data type	Flags	Default
100A:0	Software version	Firmware version of the EtherCAT slave	STRING	RO	01

Index 100B Bootloader version

Index (hex)	Name	Meaning	Data type	Flags	Default
100B:0	Bootloader version		STRING	RO	N/A

Index 1011 Restore default parameters

Index (hex)	Name	Meaning	Data type	Flags	Default
1011:0	Restore default parameters	Restore default parameters	UINT8	RO	0x01 (1_{dec})
1011:01	SubIndex 001	If this object is set to "0x64616F6C" in the set value dialog, all backup objects are reset to their delivery state.	UINT32	RW	0x00000000 (0_{dec})

Index 1018 Identity

Index (hex)	Name	Meaning	Data type	Flags	Default
1018:0	Identity	Information for identifying the slave	UINT8	RO	0x04 (4_{dec})
1018:01	Vendor ID	Vendor ID of the EtherCAT slave	UINT32	RO	0x00000002 (2_{dec})
1018:02	Product code	Product code of the EtherCAT slave	UINT32	RO	0x0EA74052 (245842002_{dec})
1018:03	Revision	Revision number of the EtherCAT slave; the Low Word (bit 0-15) indicates the special terminal number, the High Word (bit 16-31) refers to the device description	UINT32	RO	0x00000000 (0_{dec})
1018:04	Serial number	Serial number of the EtherCAT slave; the Low Byte (bit 0-7) of the Low Word contains the year of production, the High Byte (bit 8-15) of the Low Word contains the week of production, the High Word (bit 16-31) is 0	UINT32	RO	0x00000000 (0_{dec})

Index 10E2 Manufacturer-specific Identification Code

Index (hex)	Name	Meaning	Data type	Flags	Default
10E2:0	Manufacturer-specific Identification Code		UINT8	RO	0x01 (1_{dec})
10E2:01	SubIndex 001		STRING	RO	

Index 10F0 Backup parameter handling

Index (hex)	Name	Meaning	Data type	Flags	Default
10F0:01	Checksum	Checksum across all backup entries of the EtherCAT slave	UINT32	RO	0x00000000 (0_{dec})

Index 1660 DIG RxPDO-Map

Index (hex)	Name	Meaning	Data type	Flags	Default
1660:0	DIG RxPDO-Map	PDO Mapping RxPDO 97	UINT8	RO	0x04 (4_{dec})
1660:01	SubIndex 001	1. PDO Mapping entry (2 bits align)	UINT32	RO	0x7070:01, 1
1660:02	SubIndex 002	2. PDO Mapping entry (object 0x7070 (AI Acc Outputs), entry 0x03 (Start self test))	UINT32	RO	0x7070:02, 1
1660:03	SubIndex 003	3. PDO Mapping entry (object 0x7070 (AI Acc Outputs), entry 0x04 (Tare))	UINT32	RO	0x7070:03, 1
1660:04	SubIndex 004	4. PDO Mapping entry (13 bits align)	UINT32	RO	0x0000:00, 13

Index 18C0 AI Sensor Temperature TxPDO-Par (Real)

Index (hex)	Name	Meaning	Data type	Flags	Default
18C0:0	AI Sensor Temperature TxPDO-Par (Real)	PDO parameter TxPDO 193	UINT8	RO	0x06 (6_{dec})
18C0:06	Exclude TxPDOs	Specifies the TxPDOs (index of TxPDO mapping objects) that must not be transferred together with TxPDO 193	OCTET-STRING[2]	RO	C1 1A

Index 18C1 AI Sensor Temperature TxPDO-Par Int

Index (hex)	Name	Meaning	Data type	Flags	Default
18C1:0	AI Sensor Temperature TxPDO-Par Int	PDO parameter TxPDO 194	UINT8	RO	0x06 (6_{dec})
18C1:06	Exclude TxPDOs	Specifies the TxPDOs (index of TxPDO mapping objects) that must not be transferred together with TxPDO 194	OCTET-STRING[2]	RO	C0 1A

Index 1A00 AI Acc X TxPDO-Map Status

Index (hex)	Name	Meaning	Data type	Flags	Default
1A00:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1A00:02	SubIndex 002	2. PDO Mapping entry (object 0x6000 (AI Acc Inputs X), entry 0x09 (Self test status))	UINT32	RO	0x6000:09, 2
1A00:03	SubIndex 003	3. PDO Mapping entry (object 0x6000 (AI Acc Inputs X), entry 0x0B (Slope detected))	UINT32	RO	0x6000:0B, 1
1A00:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1A00:05	SubIndex 005	5. PDO Mapping entry (object 0x6000 (AI Acc Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6000:0E, 1
1A00:06	SubIndex 006	6. PDO Mapping entry (object 0x6000 (AI Acc Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6000:0F, 1
1A00:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6000:10, 1
1A00:08	SubIndex 008	8. PDO Mapping entry (16 bits align)	UINT32	RO	0x0000:00, 16

Index 1A00 AI Acc X TxPDO-Map Status

Index (hex)	Name	Meaning	Data type	Flags	Default
1A00:0	AI Acc X TxPDO-Map Status	PDO Mapping TxPDO 1	UINT8	RO	0x08 (8_{dec})
1A00:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1A00:02	SubIndex 002	2. PDO Mapping entry (object 0x6000 (AI Acc Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6000:09, 2
1A00:03	SubIndex 003	3. PDO Mapping entry (object 0x6000 (AI Acc Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6000:0B, 1
1A00:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1A00:05	SubIndex 005	5. PDO Mapping entry (object 0x6000 (AI Acc Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6000:0E, 1
1A00:06	SubIndex 006	6. PDO Mapping entry (object 0x6000 (AI Acc Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6000:0F, 1
1A00:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6000:10, 1
1A00:08	SubIndex 008	8. PDO Mapping entry (16 bits align)	UINT32	RO	0x0000:00, 16

Index 1A01 AI Acc X TxPDO-Map Input Cycle Counter

Index (hex)	Name	Meaning	Data type	Flags	Default
1A01:0	AI Acc X TxPDO-Map Input Cycle Counter	PDO Mapping TxPDO 2	UINT8	RO	0x01 (1_{dec})
1A01:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6000:14, 16

Index 1A03 AI Acc X TxPDO-Map Input Legacy Int

Index (hex)	Name	Meaning	Data type	Flags	Default
1A03:0	AI Acc X TxPDO-Map Input Legacy Int	PDO Mapping TxPDO 4	UINT8	RO	0x09 (9_{dec})
1A03:01	SubIndex 001	1. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x0000:00, 8
1A03:02	SubIndex 002	2. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6000:09, 2
1A03:03	SubIndex 003	3. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6000:0B, 1
1A03:04	SubIndex 004	4. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x0000:00, 2
1A03:05	SubIndex 005	5. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6000:0E, 1
1A03:06	SubIndex 006	6. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6000:0F, 1
1A03:07	SubIndex 007	7. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6000:10, 1
1A03:08	SubIndex 008	8. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x0000:00, 16
1A03:09	SubIndex 009	9. PDO Mapping entry (object 0x6000 (AI Acc Inputs), entry 0x12 (Value))	UINT32	RO	0x6000:12, 32

Index 1A04 AI Acc X TxPDO-Map Samples 1 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A04:0	AI Acc X TxPDO-Map Samples 1 (Real32)	PDO Mapping TxPDO 5	UINT8	RO	0x01 (1_{dec})
1A04:01	SubIndex 001	1. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6003:01, 32

Index 1A05 AI Acc X TxPDO-Map Samples 1

Index (hex)	Name	Meaning	Data type	Flags	Default
1A05:0	AI Acc X TxPDO-Map Samples 1	PDO Mapping TxPDO 6	UINT8	RO	0x01 (1_{dec})
1A05:01	SubIndex 001	1. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6001:01, 32

Index 1A06 AI Acc X TxPDO-Map Samples 2 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A06:0	AI Acc X TxPDO-Map Samples 2 (Real32)	PDO Mapping TxPDO 7	UINT8	RO	0x02 (2_{dec})
1A06:01	SubIndex 001	1. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6003:01, 32
1A06:02	SubIndex 002	2. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6003:02, 32

Index 1A07 AI Acc X TxPDO-Map Samples 2

Index (hex)	Name	Meaning	Data type	Flags	Default
1A07:0	AI Acc X TxPDO-Map Samples 2	PDO Mapping TxPDO 8	UINT8	RO	0x02 (2_{dec})
1A07:01	SubIndex 001	1. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6001:01, 32
1A07:02	SubIndex 002	2. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6001:02, 32

Index 1A08 AI Acc X TxPDO-Map Samples 4 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A08:0	AI Acc X TxPDO-Map Samples 4 (Real32)	PDO Mapping TxPDO 9	UINT8	RO	0x04 (4_{dec})
1A08:01	SubIndex 001	1. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6003:01, 32
1A08:02	SubIndex 002	2. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6003:02, 32
1A08:03	SubIndex 003	3. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6003:03, 32
1A08:04	SubIndex 004	4. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6003:04, 32

Index 1A09 AI Acc X TxPDO-Map Samples 4

Index (hex)	Name	Meaning	Data type	Flags	Default
1A09:0	AI Acc X TxPDO-Map Samples 4	PDO Mapping TxPDO 10	UINT8	RO	0x04 (4_{dec})
1A09:01	SubIndex 001	1. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6001:01, 32
1A09:02	SubIndex 002	2. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6001:02, 32
1A09:03	SubIndex 003	3. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6001:03, 32
1A09:04	SubIndex 004	4. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6001:04, 32

Index 1A0A AI Acc X TxPDO-Map Samples 8 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A0A:0	AI Acc X TxPDO-Map Samples 8 (Real32)	PDO Mapping TxPDO 11	UINT8	RO	0x08 (8_{dec})
1A0A:01	SubIndex 001	1. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6003:01, 32
1A0A:02	SubIndex 002	2. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6003:02, 32
1A0A:03	SubIndex 003	3. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6003:03, 32
1A0A:04	SubIndex 004	4. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6003:04, 32
1A0A:05	SubIndex 005	5. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6003:05, 32
1A0A:06	SubIndex 006	6. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6003:06, 32
1A0A:07	SubIndex 007	7. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6003:07, 32
1A0A:08	SubIndex 008	8. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6003:08, 32

Index 1A0B AI Acc X TxPDO-Map Samples 8

Index (hex)	Name	Meaning	Data type	Flags	Default
1A0B:0	AI Acc X TxPDO-Map Samples 8	PDO Mapping TxPDO 12	UINT8	RO	0x08 (8_{dec})
1A0B:01	SubIndex 001	1. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6001:01, 32
1A0B:02	SubIndex 002	2. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6001:02, 32
1A0B:03	SubIndex 003	3. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6001:03, 32
1A0B:04	SubIndex 004	4. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6001:04, 32
1A0B:05	SubIndex 005	5. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6001:05, 32
1A0B:06	SubIndex 006	6. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6001:06, 32
1A0B:07	SubIndex 007	7. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6001:07, 32
1A0B:08	SubIndex 008	8. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6001:08, 32

Index 1A0C AI Acc X TxPDO-Map Samples 10 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A0C:0	AI Acc X TxPDO-Map Samples 10 (Real32)	PDO Mapping TxPDO 13	UINT8	RO	0x0A (10_{dec})
1A0C:01	SubIndex 001	1. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6003:01, 32
1A0C:02	SubIndex 002	2. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6003:02, 32
1A0C:03	SubIndex 003	3. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6003:03, 32
1A0C:04	SubIndex 004	4. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6003:04, 32
1A0C:05	SubIndex 005	5. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6003:05, 32
1A0C:06	SubIndex 006	6. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6003:06, 32
1A0C:07	SubIndex 007	7. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6003:07, 32
1A0C:08	SubIndex 008	8. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6003:08, 32
1A0C:09	SubIndex 009	9. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6003:09, 32
1A0C:0A	SubIndex 010	10. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6003:0A, 32

Index 1A0D AI Acc X TxPDO-Map Samples 10

Index (hex)	Name	Meaning	Data type	Flags	Default
1A0D:0	AI Acc X TxPDO-Map Samples 10	PDO Mapping TxPDO 14	UINT8	RO	0x0A (10_{dec})
1A0D:01	SubIndex 001	1. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6001:01, 32
1A0D:02	SubIndex 002	2. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6001:02, 32
1A0D:03	SubIndex 003	3. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6001:03, 32
1A0D:04	SubIndex 004	4. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6001:04, 32
1A0D:05	SubIndex 005	5. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6001:05, 32
1A0D:06	SubIndex 006	6. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6001:06, 32
1A0D:07	SubIndex 007	7. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6001:07, 32
1A0D:08	SubIndex 008	8. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6001:08, 32
1A0D:09	SubIndex 009	9. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6001:09, 32
1A0D:0A	SubIndex 010	10. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6001:0A, 32

Index 1A0E AI Acc X TxPDO-Map Samples 16 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A0E:0	AI Acc X TxPDO-Map Samples 16 (Real32)	PDO Mapping TxPDO 15	UINT8	RO	0x10 (16_{dec})
1A0E:01	SubIndex 001	1. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6003:01, 32
1A0E:02	SubIndex 002	2. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6003:02, 32
1A0E:03	SubIndex 003	3. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6003:03, 32
1A0E:04	SubIndex 004	4. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6003:04, 32
1A0E:05	SubIndex 005	5. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6003:05, 32
1A0E:06	SubIndex 006	6. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6003:06, 32
1A0E:07	SubIndex 007	7. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6003:07, 32
1A0E:08	SubIndex 008	8. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6003:08, 32
1A0E:09	SubIndex 009	9. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6003:09, 32
1A0E:0A	SubIndex 010	10. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6003:0A, 32
1A0E:0B	SubIndex 011	11. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6003:0B, 32
1A0E:0C	SubIndex 012	12. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6003:0C, 32
1A0E:0D	SubIndex 013	13. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6003:0D, 32
1A0E:0E	SubIndex 014	14. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6003:0E, 32
1A0E:0F	SubIndex 015	15. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6003:0F, 32
1A0E:10	SubIndex 016	16. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6003:10, 32

Index 1A0F AI Acc X TxPDO-Map Samples 16

Index (hex)	Name	Meaning	Data type	Flags	Default
1A0F:0	AI Acc X TxPDO-Map Samples 16	PDO Mapping TxPDO 16	UINT8	RO	0x10 (16_{dec})
1A0F:01	SubIndex 001	1. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6001:01, 32
1A0F:02	SubIndex 002	2. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6001:02, 32
1A0F:03	SubIndex 003	3. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6001:03, 32
1A0F:04	SubIndex 004	4. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6001:04, 32
1A0F:05	SubIndex 005	5. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6001:05, 32
1A0F:06	SubIndex 006	6. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6001:06, 32
1A0F:07	SubIndex 007	7. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6001:07, 32
1A0F:08	SubIndex 008	8. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6001:08, 32
1A0F:09	SubIndex 009	9. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6001:09, 32
1A0F:0A	SubIndex 010	10. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6001:0A, 32
1A0F:0B	SubIndex 011	11. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0B (Sample))	UINT32	RO	0x6001:0B, 32
1A0F:0C	SubIndex 012	12. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0C (Sample))	UINT32	RO	0x6001:0C, 32
1A0F:0D	SubIndex 013	13. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0D (Sample))	UINT32	RO	0x6001:0D, 32
1A0F:0E	SubIndex 014	14. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0E (Sample))	UINT32	RO	0x6001:0E, 32
1A0F:0F	SubIndex 015	15. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0F (Sample))	UINT32	RO	0x6001:0F, 32
1A0F:10	SubIndex 016	16. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x10 (Sample))	UINT32	RO	0x6001:10, 32

Index 1A10 AI Acc X TxPDO-Map Samples 20 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A10:0	AI Acc X TxPDO-Map Samples 20 (Real32)	PDO Mapping TxPDO 17	UINT8	RO	0x14 (20_{dec})
1A10:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6003:01, 32
1A10:02	SubIndex 002	2. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6003:02, 32
1A10:03	SubIndex 003	3. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6003:03, 32
1A10:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x6003:04, 32
1A10:05	SubIndex 005	5. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6003:05, 32
1A10:06	SubIndex 006	6. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6003:06, 32
1A10:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6003:07, 32
1A10:08	SubIndex 008	8. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x6003:08, 32
1A10:09	SubIndex 009	9. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6003:09, 32
1A10:0A	SubIndex 010	10. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6003:0A, 32
1A10:0B	SubIndex 011	11. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6003:0B, 32
1A10:0C	SubIndex 012	12. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6003:0C, 32
1A10:0D	SubIndex 013	13. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6003:0D, 32
1A10:0E	SubIndex 014	14. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6003:0E, 32
1A10:0F	SubIndex 015	15. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6003:0F, 32
1A10:10	SubIndex 016	16. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6003:10, 32
1A10:11	SubIndex 017	17. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6003:11, 32
1A10:12	SubIndex 018	18. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6003:12, 32
1A10:13	SubIndex 019	19. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6003:13, 32
1A10:14	SubIndex 020	20. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6003:14, 32

Index 1A11 AI Acc X TxPDO-Map Samples 20

Index (hex)	Name	Meaning	Data type	Flags	Default
1A11:0	AI Acc X TxPDO-Map Samples 20	PDO Mapping TxPDO 18	UINT8	RO	0x14 (20_{dec})
1A11:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6001:01, 32
1A11:02	SubIndex 002	2. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6001:02, 32
1A11:03	SubIndex 003	3. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6001:03, 32
1A11:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x6001:04, 32
1A11:05	SubIndex 005	5. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6001:05, 32
1A11:06	SubIndex 006	6. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6001:06, 32
1A11:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6001:07, 32
1A11:08	SubIndex 008	8. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x12 (Value))	UINT32	RO	0x6001:08, 32
1A11:09	SubIndex 009	9. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6001:09, 32
1A11:0A	SubIndex 010	10. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6001:0A, 32
1A11:0B	SubIndex 011	11. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0B (Sample))	UINT32	RO	0x6001:0B, 32
1A11:0C	SubIndex 012	12. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0C (Sample))	UINT32	RO	0x6001:0C, 32
1A11:0D	SubIndex 013	13. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0D (Sample))	UINT32	RO	0x6001:0D, 32
1A11:0E	SubIndex 014	14. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0E (Sample))	UINT32	RO	0x6001:0E, 32
1A11:0F	SubIndex 015	15. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x0F (Sample))	UINT32	RO	0x6001:0F, 32
1A11:10	SubIndex 016	16. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x10 (Sample))	UINT32	RO	0x6001:10, 32
1A11:11	SubIndex 017	17. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x11 (Sample))	UINT32	RO	0x6001:11, 32
1A11:12	SubIndex 018	18. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x12 (Sample))	UINT32	RO	0x6001:12, 32
1A11:13	SubIndex 019	19. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x13 (Sample))	UINT32	RO	0x6001:13, 32
1A11:14	SubIndex 020	20. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x14 (Sample))	UINT32	RO	0x6001:14, 32

Index 1A12 AI Acc X TxPDO-Map Samples 40 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A12:0	AI Acc X TxPDO-Map Samples 40 (Real32)	PDO Mapping TxPDO 19	UINT8	RO	0x28 (40_{dec})
1A12:01	SubIndex 001	1. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6003:01, 32
1A12:02	SubIndex 002	2. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6003:02, 32
1A12:03	SubIndex 003	3. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6003:03, 32
1A12:04	SubIndex 004	4. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6003:04, 32
1A12:05	SubIndex 005	5. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6003:05, 32
1A12:06	SubIndex 006	6. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6003:06, 32
1A12:07	SubIndex 007	7. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6003:07, 32
1A12:08	SubIndex 008	8. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6003:08, 32
1A12:09	SubIndex 009	9. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6003:09, 32
1A12:0A	SubIndex 010	10. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6003:0A, 32
1A12:0B	SubIndex 011	11. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6003:0B, 32
1A12:0C	SubIndex 012	12. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6003:0C, 32
1A12:0D	SubIndex 013	13. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6003:0D, 32
1A12:0E	SubIndex 014	14. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6003:0E, 32
1A12:0F	SubIndex 015	15. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6003:0F, 32
1A12:10	SubIndex 016	16. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6003:10, 32
1A12:11	SubIndex 017	17. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6003:11, 32
1A12:12	SubIndex 018	18. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6003:12, 32
1A12:13	SubIndex 019	19. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6003:13, 32
1A12:14	SubIndex 020	20. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6003:14, 32
1A12:15	SubIndex 021	21. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x15 (Sample))	UINT32	RO	0x6003:15, 32
1A12:16	SubIndex 022	22. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x16 (Sample))	UINT32	RO	0x6003:16, 32
1A12:17	SubIndex 023	23. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x17 (Sample))	UINT32	RO	0x6003:17, 32
1A12:18	SubIndex 024	24. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x18 (Sample))	UINT32	RO	0x6003:18, 32
1A12:19	SubIndex 025	25. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x19 (Sample))	UINT32	RO	0x6003:19, 32
1A12:1A	SubIndex 026	26. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x1A (Sample))	UINT32	RO	0x6003:1A, 32
1A12:1B	SubIndex 027	27. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x1B (Sample))	UINT32	RO	0x6003:1B, 32
1A12:1C	SubIndex 028	28. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x1C (Sample))	UINT32	RO	0x6003:1C, 32
1A12:1D	SubIndex 029	29. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x1D (Sample))	UINT32	RO	0x6003:1D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A12:1E	SubIndex 030	30. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x1E (Sample))	UINT32	RO	0x6003:1E, 32
1A12:1F	SubIndex 031	31. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x1F (Sample))	UINT32	RO	0x6003:1F, 32
1A12:20	SubIndex 032	32. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x20 (Sample))	UINT32	RO	0x6003:20, 32
1A12:21	SubIndex 033	33. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x21 (Sample))	UINT32	RO	0x6003:21, 32
1A12:22	SubIndex 034	34. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x22 (Sample))	UINT32	RO	0x6003:22, 32
1A12:23	SubIndex 035	35. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x23 (Sample))	UINT32	RO	0x6003:23, 32
1A12:24	SubIndex 036	36. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x24 (Sample))	UINT32	RO	0x6003:24, 32
1A12:25	SubIndex 037	37. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x25 (Sample))	UINT32	RO	0x6003:25, 32
1A12:26	SubIndex 038	38. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x26 (Sample))	UINT32	RO	0x6003:26, 32
1A12:27	SubIndex 039	39. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x27 (Sample))	UINT32	RO	0x6003:27, 32
1A12:28	SubIndex 040	40. PDO Mapping entry (object 0x6003 (AI Acc Samples (Real32)), entry 0x28 (Sample))	UINT32	RO	0x6003:28, 32

Index 1A13 AI Acc X TxPDO-Map Samples 40

Index (hex)	Name	Meaning	Data type	Flags	Default
1A13:0	AI Acc X TxPDO-Map Samples 40	PDO Mapping TxPDO 20	UINT8	RO	0x28 (40_{dec})
1A13:01	SubIndex 001	1. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6001:01, 32
1A13:02	SubIndex 002	2. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6001:02, 32
1A13:03	SubIndex 003	3. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6001:03, 32
1A13:04	SubIndex 004	4. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6001:04, 32
1A13:05	SubIndex 005	5. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6001:05, 32
1A13:06	SubIndex 006	6. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6001:06, 32
1A13:07	SubIndex 007	7. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6001:07, 32
1A13:08	SubIndex 008	8. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6001:08, 32
1A13:09	SubIndex 009	9. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6001:09, 32
1A13:0A	SubIndex 010	10. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6001:0A, 32
1A13:0B	SubIndex 011	11. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0B (Sample))	UINT32	RO	0x6001:0B, 32
1A13:0C	SubIndex 012	12. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0C (Sample))	UINT32	RO	0x6001:0C, 32
1A13:0D	SubIndex 013	13. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0D (Sample))	UINT32	RO	0x6001:0D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A13:0E	SubIndex 014	14. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0E (Sample))	UINT32	RO	0x6001:0E, 32
1A13:0F	SubIndex 015	15. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0F (Sample))	UINT32	RO	0x6001:0F, 32
1A13:10	SubIndex 016	16. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x10 (Sample))	UINT32	RO	0x6001:10, 32
1A13:11	SubIndex 017	17. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x11 (Sample))	UINT32	RO	0x6001:11, 32
1A13:12	SubIndex 018	18. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x12 (Sample))	UINT32	RO	0x6001:12, 32
1A13:13	SubIndex 019	19. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x13 (Sample))	UINT32	RO	0x6001:13, 32
1A13:14	SubIndex 020	20. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x14 (Sample))	UINT32	RO	0x6001:14, 32
1A13:15	SubIndex 021	21. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x15 (Sample))	UINT32	RO	0x6001:15, 32
1A13:16	SubIndex 022	22. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x16 (Sample))	UINT32	RO	0x6001:16, 32
1A13:17	SubIndex 023	23. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x17 (Sample))	UINT32	RO	0x6001:17, 32
1A13:18	SubIndex 024	24. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x18 (Sample))	UINT32	RO	0x6001:18, 32
1A13:19	SubIndex 025	25. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x19 (Sample))	UINT32	RO	0x6001:19, 32
1A13:1A	SubIndex 026	26. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x1A (Sample))	UINT32	RO	0x6001:1A, 32
1A13:1B	SubIndex 027	27. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x1B (Sample))	UINT32	RO	0x6001:1B, 32
1A13:1C	SubIndex 028	28. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x1C (Sample))	UINT32	RO	0x6001:1C, 32
1A13:1D	SubIndex 029	29. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x1D (Sample))	UINT32	RO	0x6001:1D, 32
1A13:1E	SubIndex 030	30. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x1E (Sample))	UINT32	RO	0x6001:1E, 32
1A13:1F	SubIndex 031	31. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x1F (Sample))	UINT32	RO	0x6001:1F, 32
1A13:20	SubIndex 032	32. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x20 (Sample))	UINT32	RO	0x6001:20, 32
1A13:21	SubIndex 033	33. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x21 (Sample))	UINT32	RO	0x6001:21, 32
1A13:22	SubIndex 034	34. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x22 (Sample))	UINT32	RO	0x6001:22, 32
1A13:23	SubIndex 035	35. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x23 (Sample))	UINT32	RO	0x6001:23, 32
1A13:24	SubIndex 036	36. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x24 (Sample))	UINT32	RO	0x6001:24, 32
1A13:25	SubIndex 037	37. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x25 (Sample))	UINT32	RO	0x6001:25, 32
1A13:26	SubIndex 038	38. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x26 (Sample))	UINT32	RO	0x6001:26, 32
1A13:27	SubIndex 039	39. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x27 (Sample))	UINT32	RO	0x6001:27, 32
1A13:28	SubIndex 040	40. PDO Mapping entry (object 0x6001 (AI Acc Samples), entry 0x28 (Sample))	UINT32	RO	0x6001:28, 32

Index 1A20 AI Acc Y TxPDO-Map Status

Index (hex)	Name	Meaning	Data type	Flags	Default
1A20:0	AI Acc Y TxPDO-Map Status	PDO Mapping TxPDO 33	UINT8	RO	0x08 (8_{dec})
1A20:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1A20:02	SubIndex 002	2. PDO Mapping entry (object 0x6020 (AI Acc Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6010:09, 2
1A20:03	SubIndex 003	3. PDO Mapping entry (object 0x6020 (AI Acc Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6010:0B, 1
1A20:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1A20:05	SubIndex 005	5. PDO Mapping entry (object 0x6020 (AI Acc Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6010:0E, 1
1A20:06	SubIndex 006	6. PDO Mapping entry (object 0x6020 (AI Acc Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6010:0F, 1
1A20:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6010:10, 1
1A20:08	SubIndex 008	8. PDO Mapping entry (16 bits align)	UINT32	RO	0x0000:00, 16

Index 1A21 AI Acc Y TxPDO-Map Input Cycle Counter

Index (hex)	Name	Meaning	Data type	Flags	Default
1A21:0	AI Acc Y TxPDO-Map Input Cycle Counter	PDO Mapping TxPDO 34	UINT8	RO	0x01 (1_{dec})
1A21:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6010:14, 16

Index 1A22 AI Acc Y TxPDO-Map Input Legacy Real

Index (hex)	Name	Meaning	Data type	Flags	Default
1A22:0	AI Acc Y TxPDO-Map Input Legacy Real	PDO Mapping TxPDO 35	UINT8	RO	0x09 (9_{dec})
1A22:01	SubIndex 001	1. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x0000:00, 8
1A22:02	SubIndex 002	2. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6010:09, 2
1A22:03	SubIndex 003	3. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6010:0B, 1
1A22:04	SubIndex 004	4. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x0000:00, 2
1A22:05	SubIndex 005	5. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6010:0E, 1
1A22:06	SubIndex 006	6. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6010:0F, 1
1A22:07	SubIndex 007	7. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6010:10, 1
1A22:08	SubIndex 008	8. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x0000:00, 16
1A22:09	SubIndex 009	9. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x6010:13, 32

Index 1A23 AI Acc Y TxPDO-Map Input Legacy Int

Index (hex)	Name	Meaning	Data type	Flags	Default
1A23:0	AI Acc Y TxPDO-Map Input Legacy Int	PDO Mapping TxPDO 36	UINT8	RO	0x09 (9_{dec})
1A23:01	SubIndex 001	1. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x0000:00, 8
1A23:02	SubIndex 002	2. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6010:09, 2
1A23:03	SubIndex 003	3. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6010:0B, 1
1A23:04	SubIndex 004	4. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x0000:00, 2
1A23:05	SubIndex 005	5. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6010:0E, 1
1A23:06	SubIndex 006	6. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6010:0F, 1
1A23:07	SubIndex 007	7. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6010:10, 1
1A23:08	SubIndex 008	8. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x0000:00, 16
1A23:09	SubIndex 009	9. PDO Mapping entry (object 0x6010 (AI Acc Inputs), entry 0x12 (Value))	UINT32	RO	0x6010:12, 32

Index 1A24 AI Acc Y TxPDO-Map Samples 1 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A24:0	AI Acc Y TxPDO-Map Samples 1 (Real32)	PDO Mapping TxPDO 37	UINT8	RO	0x01 (1_{dec})
1A24:01	SubIndex 001	1. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6013:01, 32

Index 1A25 AI Acc Y TxPDO-Map Samples 1

Index (hex)	Name	Meaning	Data type	Flags	Default
1A25:0	AI Acc Y TxPDO-Map Samples 1	PDO Mapping TxPDO 38	UINT8	RO	0x01 (1_{dec})
1A25:01	SubIndex 001	1. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6011:01, 32

Index 1A26 AI Acc Y TxPDO-Map Samples 2 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A26:0	AI Acc Y TxPDO-Map Samples 2 (Real32)	PDO Mapping TxPDO 39	UINT8	RO	0x02 (2_{dec})
1A26:01	SubIndex 001	1. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6013:01, 32
1A26:02	SubIndex 002	2. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6013:02, 32

Index 1A27 AI Acc Y TxPDO-Map Samples 2

Index (hex)	Name	Meaning	Data type	Flags	Default
1A27:0	AI Acc Y TxPDO-Map Samples 2	PDO Mapping TxPDO 40	UINT8	RO	0x02 (2_{dec})
1A27:01	SubIndex 001	1. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6011:01, 32
1A27:02	SubIndex 002	2. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6011:02, 32

Index 1A28 AI Acc Y TxPDO-Map Samples 4 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A28:0	AI Acc Y TxPDO-Map Samples 4 (Real32)	PDO Mapping TxPDO 41	UINT8	RO	0x04 (4_{dec})
1A28:01	SubIndex 001	1. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6013:01, 32
1A28:02	SubIndex 002	2. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6013:02, 32
1A28:03	SubIndex 003	3. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6013:03, 32
1A28:04	SubIndex 004	4. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6013:04, 32

Index 1A29 AI Acc Y TxPDO-Map Samples 4

Index (hex)	Name	Meaning	Data type	Flags	Default
1A29:0	AI Acc Y TxPDO-Map Samples 4	PDO Mapping TxPDO 42	UINT8	RO	0x04 (4_{dec})
1A29:01	SubIndex 001	1. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6011:01, 32
1A29:02	SubIndex 002	2. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6011:02, 32
1A29:03	SubIndex 003	3. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6011:03, 32
1A29:04	SubIndex 004	4. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6011:04, 32

Index 1A2A AI Acc Y TxPDO-Map Samples 8 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A2A:0	AI Acc Y TxPDO-Map Samples 8 (Real32)	PDO Mapping TxPDO 43	UINT8	RO	0x08 (8_{dec})
1A2A:01	SubIndex 001	1. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6013:01, 32
1A2A:02	SubIndex 002	2. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6013:02, 32
1A2A:03	SubIndex 003	3. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6013:03, 32
1A2A:04	SubIndex 004	4. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6013:04, 32
1A2A:05	SubIndex 005	5. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6013:05, 32
1A2A:06	SubIndex 006	6. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6013:06, 32
1A2A:07	SubIndex 007	7. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6013:07, 32
1A2A:08	SubIndex 008	8. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6013:08, 32

Index 1A2B AI Acc Y TxPDO-Map Samples 8

Index (hex)	Name	Meaning	Data type	Flags	Default
1A2B:0	AI Acc Y TxPDO-Map Samples 8	PDO Mapping TxPDO 44	UINT8	RO	0x08 (8_{dec})
1A2B:01	SubIndex 001	1. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6011:01, 32
1A2B:02	SubIndex 002	2. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6011:02, 32
1A2B:03	SubIndex 003	3. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6011:03, 32
1A2B:04	SubIndex 004	4. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6011:04, 32
1A2B:05	SubIndex 005	5. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6011:05, 32
1A2B:06	SubIndex 006	6. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6011:06, 32
1A2B:07	SubIndex 007	7. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6011:07, 32
1A2B:08	SubIndex 008	8. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6011:08, 32

Index 1A2C AI Acc Y TxPDO-Map Samples 10 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A2C:0	AI Acc Y TxPDO-Map Samples 10 (Real32)	PDO Mapping TxPDO 45	UINT8	RO	0x0A (10_{dec})
1A2C:01	SubIndex 001	1. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6013:01, 32
1A2C:02	SubIndex 002	2. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6013:02, 32
1A2C:03	SubIndex 003	3. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6013:03, 32
1A2C:04	SubIndex 004	4. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6013:04, 32
1A2C:05	SubIndex 005	5. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6013:05, 32
1A2C:06	SubIndex 006	6. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6013:06, 32
1A2C:07	SubIndex 007	7. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6013:07, 32
1A2C:08	SubIndex 008	8. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6013:08, 32
1A2C:09	SubIndex 009	9. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6013:09, 32
1A2C:0A	SubIndex 010	10. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6013:0A, 32

Index 1A2D AI Acc Y TxPDO-Map Samples 10

Index (hex)	Name	Meaning	Data type	Flags	Default
1A2D:0	AI Acc Y TxPDO-Map Samples 10	PDO Mapping TxPDO 46	UINT8	RO	0x0A (10_{dec})
1A2D:01	SubIndex 001	1. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6011:01, 32
1A2D:02	SubIndex 002	2. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6011:02, 32
1A2D:03	SubIndex 003	3. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6011:03, 32
1A2D:04	SubIndex 004	4. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6011:04, 32
1A2D:05	SubIndex 005	5. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6011:05, 32
1A2D:06	SubIndex 006	6. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6011:06, 32
1A2D:07	SubIndex 007	7. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6011:07, 32
1A2D:08	SubIndex 008	8. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6011:08, 32
1A2D:09	SubIndex 009	9. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6011:09, 32
1A2D:0A	SubIndex 010	10. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6011:0A, 32

Index 1A2E AI Acc Y TxPDO-Map Samples 16 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A2E:0	AI Acc Y TxPDO-Map Samples 16 (Real32)	PDO Mapping TxPDO 47	UINT8	RO	0x10 (16_{dec})
1A2E:01	SubIndex 001	1. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6013:01, 32
1A2E:02	SubIndex 002	2. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6013:02, 32
1A2E:03	SubIndex 003	3. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6013:03, 32
1A2E:04	SubIndex 004	4. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6013:04, 32
1A2E:05	SubIndex 005	5. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6013:05, 32
1A2E:06	SubIndex 006	6. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6013:06, 32
1A2E:07	SubIndex 007	7. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6013:07, 32
1A2E:08	SubIndex 008	8. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6013:08, 32
1A2E:09	SubIndex 009	9. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6013:09, 32
1A2E:0A	SubIndex 010	10. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6013:0A, 32
1A2E:0B	SubIndex 011	11. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6013:0B, 32
1A2E:0C	SubIndex 012	12. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6013:0C, 32
1A2E:0D	SubIndex 013	13. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6013:0D, 32
1A2E:0E	SubIndex 014	14. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6013:0E, 32
1A2E:0F	SubIndex 015	15. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6013:0F, 32
1A2E:10	SubIndex 016	16. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6013:10, 32

Index 1A2F AI Acc Y TxPDO-Map Samples 16

Index (hex)	Name	Meaning	Data type	Flags	Default
1A2F:0	AI Acc Y TxPDO-Map Samples 16	PDO Mapping TxPDO 48	UINT8	RO	0x10 (16_{dec})
1A2F:01	SubIndex 001	1. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6011:01, 32
1A2F:02	SubIndex 002	2. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6011:02, 32
1A2F:03	SubIndex 003	3. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6011:03, 32
1A2F:04	SubIndex 004	4. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6011:04, 32
1A2F:05	SubIndex 005	5. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6011:05, 32
1A2F:06	SubIndex 006	6. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6011:06, 32
1A2F:07	SubIndex 007	7. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6011:07, 32
1A2F:08	SubIndex 008	8. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6011:08, 32
1A2F:09	SubIndex 009	9. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6011:09, 32
1A2F:0A	SubIndex 010	10. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6011:0A, 32
1A2F:0B	SubIndex 011	11. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0B (Sample))	UINT32	RO	0x6011:0B, 32
1A2F:0C	SubIndex 012	12. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0C (Sample))	UINT32	RO	0x6011:0C, 32
1A2F:0D	SubIndex 013	13. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0D (Sample))	UINT32	RO	0x6011:0D, 32
1A2F:0E	SubIndex 014	14. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0E (Sample))	UINT32	RO	0x6011:0E, 32
1A2F:0F	SubIndex 015	15. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0F (Sample))	UINT32	RO	0x6011:0F, 32
1A2F:10	SubIndex 016	16. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x10 (Sample))	UINT32	RO	0x6011:10, 32

Index 1A30 AI Acc Y TxPDO-Map Samples 20 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A30:0	AI Acc Y TxPDO-Map Samples 20 (Real32)	PDO Mapping TxPDO 49	UINT8	RO	0x14 (20_{dec})
1A30:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6013:01, 32
1A30:02	SubIndex 002	2. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6013:02, 32
1A30:03	SubIndex 003	3. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6013:03, 32
1A30:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x6013:04, 32
1A30:05	SubIndex 005	5. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6013:05, 32
1A30:06	SubIndex 006	6. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6013:06, 32
1A30:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6013:07, 32
1A30:08	SubIndex 008	8. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x12 (Value))	UINT32	RO	0x6013:08, 32
1A30:09	SubIndex 009	9. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6013:09, 32
1A30:0A	SubIndex 010	10. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6013:0A, 32
1A30:0B	SubIndex 011	11. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6013:0B, 32
1A30:0C	SubIndex 012	12. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6013:0C, 32
1A30:0D	SubIndex 013	13. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6013:0D, 32
1A30:0E	SubIndex 014	14. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6013:0E, 32
1A30:0F	SubIndex 015	15. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6013:0F, 32
1A30:10	SubIndex 016	16. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6013:10, 32
1A30:11	SubIndex 017	17. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6013:11, 32
1A30:12	SubIndex 018	18. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6013:12, 32
1A30:13	SubIndex 019	19. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6013:13, 32
1A30:14	SubIndex 020	20. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6013:14, 32

Index 1A31 AI Acc Y TxPDO-Map Samples 20

Index (hex)	Name	Meaning	Data type	Flags	Default
1A31:0	AI Acc Y TxPDO-Map Samples 20	PDO Mapping TxPDO 50	UINT8	RO	0x14 (20_{dec})
1A31:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6011:01, 32
1A31:02	SubIndex 002	2. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6011:02, 32
1A31:03	SubIndex 003	3. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6011:03, 32
1A31:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x6011:04, 32
1A31:05	SubIndex 005	5. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6011:05, 32
1A31:06	SubIndex 006	6. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6011:06, 32
1A31:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6011:07, 32
1A31:08	SubIndex 008	8. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x12 (Value))	UINT32	RO	0x6011:08, 32
1A31:09	SubIndex 009	9. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6011:09, 32
1A31:0A	SubIndex 010	10. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6011:0A, 32
1A31:0B	SubIndex 011	11. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0B (Sample))	UINT32	RO	0x6011:0B, 32
1A31:0C	SubIndex 012	12. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0C (Sample))	UINT32	RO	0x6011:0C, 32
1A31:0D	SubIndex 013	13. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0D (Sample))	UINT32	RO	0x6011:0D, 32
1A31:0E	SubIndex 014	14. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0E (Sample))	UINT32	RO	0x6011:0E, 32
1A31:0F	SubIndex 015	15. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x0F (Sample))	UINT32	RO	0x6011:0F, 32
1A31:10	SubIndex 016	16. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x10 (Sample))	UINT32	RO	0x6011:10, 32
1A31:11	SubIndex 017	17. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x11 (Sample))	UINT32	RO	0x6011:11, 32
1A31:12	SubIndex 018	18. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x12 (Sample))	UINT32	RO	0x6011:12, 32
1A31:13	SubIndex 019	19. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x13 (Sample))	UINT32	RO	0x6011:13, 32
1A31:14	SubIndex 020	20. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x14 (Sample))	UINT32	RO	0x6011:14, 32

Index 1A32 AI Acc Y TxPDO-Map Samples 40 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A32:0	AI Acc Y TxPDO-Map Samples 40 (Real32)	PDO Mapping TxPDO 51	UINT8	RO	0x28 (40_{dec})
1A32:01	SubIndex 001	1. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6013:01, 32
1A32:02	SubIndex 002	2. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6013:02, 32
1A32:03	SubIndex 003	3. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6013:03, 32
1A32:04	SubIndex 004	4. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6013:04, 32
1A32:05	SubIndex 005	5. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6013:05, 32
1A32:06	SubIndex 006	6. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6013:06, 32
1A32:07	SubIndex 007	7. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6013:07, 32
1A32:08	SubIndex 008	8. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6013:08, 32
1A32:09	SubIndex 009	9. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6013:09, 32
1A32:0A	SubIndex 010	10. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6013:0A, 32
1A32:0B	SubIndex 011	11. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6013:0B, 32
1A32:0C	SubIndex 012	12. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6013:0C, 32
1A32:0D	SubIndex 013	13. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6013:0D, 32
1A32:0E	SubIndex 014	14. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6013:0E, 32
1A32:0F	SubIndex 015	15. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6013:0F, 32
1A32:10	SubIndex 016	16. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6013:10, 32
1A32:11	SubIndex 017	17. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6013:11, 32
1A32:12	SubIndex 018	18. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6013:12, 32
1A32:13	SubIndex 019	19. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6013:13, 32
1A32:14	SubIndex 020	20. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6013:14, 32
1A32:15	SubIndex 021	21. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x15 (Sample))	UINT32	RO	0x6013:15, 32
1A32:16	SubIndex 022	22. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x16 (Sample))	UINT32	RO	0x6013:16, 32
1A32:17	SubIndex 023	23. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x17 (Sample))	UINT32	RO	0x6013:17, 32
1A32:18	SubIndex 024	24. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x18 (Sample))	UINT32	RO	0x6013:18, 32
1A32:19	SubIndex 025	25. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x19 (Sample))	UINT32	RO	0x6013:19, 32
1A32:1A	SubIndex 026	26. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1A (Sample))	UINT32	RO	0x6013:1A, 32
1A32:1B	SubIndex 027	27. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1B (Sample))	UINT32	RO	0x6013:1B, 32
1A32:1C	SubIndex 028	28. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1C (Sample))	UINT32	RO	0x6013:1C, 32
1A32:1D	SubIndex 029	29. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1D (Sample))	UINT32	RO	0x6013:1D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A32:1E	SubIndex 030	30. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1E (Sample))	UINT32	RO	0x6013:1E, 32
1A32:1F	SubIndex 031	31. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1F (Sample))	UINT32	RO	0x6013:1F, 32
1A32:20	SubIndex 032	32. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x20 (Sample))	UINT32	RO	0x6013:20, 32
1A32:21	SubIndex 033	33. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x21 (Sample))	UINT32	RO	0x6013:21, 32
1A32:22	SubIndex 034	34. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x22 (Sample))	UINT32	RO	0x6013:22, 32
1A32:23	SubIndex 035	35. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x23 (Sample))	UINT32	RO	0x6013:23, 32
1A32:24	SubIndex 036	36. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x24 (Sample))	UINT32	RO	0x6013:24, 32
1A32:25	SubIndex 037	37. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x25 (Sample))	UINT32	RO	0x6013:25, 32
1A32:26	SubIndex 038	38. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x26 (Sample))	UINT32	RO	0x6013:26, 32
1A32:27	SubIndex 039	39. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x27 (Sample))	UINT32	RO	0x6013:27, 32
1A32:28	SubIndex 040	40. PDO Mapping entry (object 0x6013 (AI Acc Samples (Real32)), entry 0x28 (Sample))	UINT32	RO	0x6013:28, 32

Index 1A33 AI Acc Y TxPDO-Map Samples 40

Index (hex)	Name	Meaning	Data type	Flags	Default
1A33:0	AI Acc Y TxPDO-Map Samples 40	PDO Mapping TxPDO 52	UINT8	RO	0x28 (40_{dec})
1A33:01	SubIndex 001	1. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6011:01, 32
1A33:02	SubIndex 002	2. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6011:02, 32
1A33:03	SubIndex 003	3. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6011:03, 32
1A33:04	SubIndex 004	4. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6011:04, 32
1A33:05	SubIndex 005	5. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6011:05, 32
1A33:06	SubIndex 006	6. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6011:06, 32
1A33:07	SubIndex 007	7. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6011:07, 32
1A33:08	SubIndex 008	8. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6011:08, 32
1A33:09	SubIndex 009	9. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6011:09, 32
1A33:0A	SubIndex 010	10. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6011:0A, 32
1A33:0B	SubIndex 011	11. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6011:0B, 32
1A33:0C	SubIndex 012	12. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6011:0C, 32
1A33:0D	SubIndex 013	13. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6011:0D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A33:0E	SubIndex 014	14. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6011:0E, 32
1A33:0F	SubIndex 015	15. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6011:0F, 32
1A33:10	SubIndex 016	16. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6011:10, 32
1A33:11	SubIndex 017	17. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x11 (Sample))	UINT32	RO	0x6011:11, 32
1A33:12	SubIndex 018	18. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x12 (Sample))	UINT32	RO	0x6011:12, 32
1A33:13	SubIndex 019	19. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x13 (Sample))	UINT32	RO	0x6011:13, 32
1A33:14	SubIndex 020	20. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x14 (Sample))	UINT32	RO	0x6011:14, 32
1A33:15	SubIndex 021	21. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x15 (Sample))	UINT32	RO	0x6011:15, 32
1A33:16	SubIndex 022	22. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x16 (Sample))	UINT32	RO	0x6011:16, 32
1A33:17	SubIndex 023	23. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x17 (Sample))	UINT32	RO	0x6011:17, 32
1A33:18	SubIndex 024	24. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x18 (Sample))	UINT32	RO	0x6011:18, 32
1A33:19	SubIndex 025	25. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x19 (Sample))	UINT32	RO	0x6011:19, 32
1A33:1A	SubIndex 026	26. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1A (Sample))	UINT32	RO	0x6011:1A, 32
1A33:1B	SubIndex 027	27. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1B (Sample))	UINT32	RO	0x6011:1B, 32
1A33:1C	SubIndex 028	28. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1C (Sample))	UINT32	RO	0x6011:1C, 32
1A33:1D	SubIndex 029	29. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1D (Sample))	UINT32	RO	0x6011:1D, 32
1A33:1E	SubIndex 030	30. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1E (Sample))	UINT32	RO	0x6011:1E, 32
1A33:1F	SubIndex 031	31. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1F (Sample))	UINT32	RO	0x6011:1F, 32
1A33:20	SubIndex 032	32. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x20 (Sample))	UINT32	RO	0x6011:20, 32
1A33:21	SubIndex 033	33. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x21 (Sample))	UINT32	RO	0x6011:21, 32
1A33:22	SubIndex 034	34. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x22 (Sample))	UINT32	RO	0x6011:22, 32
1A33:23	SubIndex 035	35. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x23 (Sample))	UINT32	RO	0x6011:23, 32
1A33:24	SubIndex 036	36. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x24 (Sample))	UINT32	RO	0x6011:24, 32
1A33:25	SubIndex 037	37. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x25 (Sample))	UINT32	RO	0x6011:25, 32
1A33:26	SubIndex 038	38. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x26 (Sample))	UINT32	RO	0x6011:26, 32
1A33:27	SubIndex 039	39. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x27 (Sample))	UINT32	RO	0x6011:27, 32
1A33:28	SubIndex 040	40. PDO Mapping entry (object 0x6011 (AI Acc Samples), entry 0x28 (Sample))	UINT32	RO	0x6011:28, 32

Index 1A40 AI Acc Z TxPDO-Map Status

Index (hex)	Name	Meaning	Data type	Flags	Default
1A40:0	AI Acc Z TxPDO-Map Status	PDO Mapping TxPDO 65	UINT8	RO	0x08 (8_{dec})
1A40:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1A40:02	SubIndex 002	2. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6020:09, 2
1A40:03	SubIndex 003	3. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6020:0B, 1
1A40:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1A40:05	SubIndex 005	5. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6020:0E, 1
1A40:06	SubIndex 006	6. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6020:0F, 1
1A40:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6020:10, 1
1A40:08	SubIndex 008	8. PDO Mapping entry (16 bits align)	UINT32	RO	0x0000:00, 16

Index 1A41 AI Acc Z TxPDO-Map Input Cycle Counter

Index (hex)	Name	Meaning	Data type	Flags	Default
1A41:0	AI Acc Z TxPDO-Map Input Cycle Counter	PDO Mapping TxPDO 66	UINT8	RO	0x01 (1_{dec})
1A41:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6020:14, 16

Index 1A42 AI Acc Z TxPDO-Map Input Legacy Real

Index (hex)	Name	Meaning	Data type	Flags	Default
1A42:0	AI Acc Z TxPDO-Map Input Legacy Real	PDO Mapping TxPDO 67	UINT8	RO	0x09 (9_{dec})
1A42:01	SubIndex 001	1. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x0000:00, 8
1A42:02	SubIndex 002	2. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6020:09, 2
1A42:03	SubIndex 003	3. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6020:0B, 1
1A42:04	SubIndex 004	4. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x0000:00, 2
1A42:05	SubIndex 005	5. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6020:0E, 1
1A42:06	SubIndex 006	6. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6020:0F, 1
1A42:07	SubIndex 007	7. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6020:10, 1
1A42:08	SubIndex 008	8. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x0000:00, 16
1A42:09	SubIndex 009	9. PDO Mapping entry (object 0x6020 (AI Acc Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x6020:13, 32

Index 1A43 AI Acc Z TxPDO-Map Input Legacy Int

Index (hex)	Name	Meaning	Data type	Flags	Default
1A43:0	AI Acc Z TxPDO-Map Input Legacy Int	PDO Mapping TxPDO 68	UINT8	RO	0x09 (9_{dec})
1A43:01	SubIndex 001	1. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x0000:00, 8
1A43:02	SubIndex 002	2. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6020:09, 2
1A43:03	SubIndex 003	3. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6020:0B, 1
1A43:04	SubIndex 004	4. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x0000:00, 2
1A43:05	SubIndex 005	5. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6020:0E, 1
1A43:06	SubIndex 006	6. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6020:0F, 1
1A43:07	SubIndex 007	7. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6020:10, 1
1A43:08	SubIndex 008	8. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x0000:00, 16
1A43:09	SubIndex 009	9. PDO Mapping entry (object 0x6020 (AI Acc Inputs), entry 0x12 (Value))	UINT32	RO	0x6020:12, 32

Index 1A44 AI Acc Z TxPDO-Map Samples 1 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A44:0	AI Acc Z TxPDO-Map Samples 1 (Real32)	PDO Mapping TxPDO 69	UINT8	RO	0x01 (1_{dec})
1A44:01	SubIndex 001	1. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6023:01, 32

Index 1A45 AI Acc Z TxPDO-Map Samples 1

Index (hex)	Name	Meaning	Data type	Flags	Default
1A45:0	AI Acc Z TxPDO-Map Samples 1	PDO Mapping TxPDO 70	UINT8	RO	0x01 (1_{dec})
1A45:01	SubIndex 001	1. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6021:01, 32

Index 1A46 AI Acc Z TxPDO-Map Samples 2 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A46:0	AI Acc Z TxPDO-Map Samples 2 (Real32)	PDO Mapping TxPDO 71	UINT8	RO	0x02 (2_{dec})
1A46:01	SubIndex 001	1. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6023:01, 32
1A46:02	SubIndex 002	2. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6023:02, 32

Index 1A47 AI Acc Z TxPDO-Map Samples 2

Index (hex)	Name	Meaning	Data type	Flags	Default
1A47:0	AI Acc Z TxPDO-Map Samples 2	PDO Mapping TxPDO 72	UINT8	RO	0x02 (2_{dec})
1A47:01	SubIndex 001	1. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6021:01, 32
1A47:02	SubIndex 002	2. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6021:02, 32

Index 1A48 AI Acc Z TxPDO-Map Samples 4 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A48:0	AI Acc Z TxPDO-Map Samples 4 (Real32)	PDO Mapping TxPDO 73	UINT8	RO	0x04 (4_{dec})
1A48:01	SubIndex 001	1. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6023:01, 32
1A48:02	SubIndex 002	2. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6023:02, 32
1A48:03	SubIndex 003	3. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6023:03, 32
1A48:04	SubIndex 004	4. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6023:04, 32

Index 1A49 AI Acc Z TxPDO-Map Samples 4

Index (hex)	Name	Meaning	Data type	Flags	Default
1A49:0	AI Acc Z TxPDO-Map Samples 4	PDO Mapping TxPDO 74	UINT8	RO	0x04 (4_{dec})
1A49:01	SubIndex 001	1. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6021:01, 32
1A49:02	SubIndex 002	2. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6021:02, 32
1A49:03	SubIndex 003	3. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6021:03, 32
1A49:04	SubIndex 004	4. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6021:04, 32

Index 1A4A AI Acc Z TxPDO-Map Samples 8 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A4A:0	AI Acc Z TxPDO-Map Samples 8 (Real32)	PDO Mapping TxPDO 75	UINT8	RO	0x08 (8_{dec})
1A4A:01	SubIndex 001	1. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6023:01, 32
1A4A:02	SubIndex 002	2. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6023:02, 32
1A4A:03	SubIndex 003	3. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6023:03, 32
1A4A:04	SubIndex 004	4. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6023:04, 32
1A4A:05	SubIndex 005	5. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6023:05, 32
1A4A:06	SubIndex 006	6. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6023:06, 32
1A4A:07	SubIndex 007	7. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6023:07, 32
1A4A:08	SubIndex 008	8. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6023:08, 32

Index 1A4B AI Acc Z TxPDO-Map Samples 8

Index (hex)	Name	Meaning	Data type	Flags	Default
1A4B:0	AI Acc Z TxPDO-Map Samples 8	PDO Mapping TxPDO 76	UINT8	RO	0x08 (8_{dec})
1A4B:01	SubIndex 001	1. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6021:01, 32
1A4B:02	SubIndex 002	2. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6021:02, 32
1A4B:03	SubIndex 003	3. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6021:03, 32
1A4B:04	SubIndex 004	4. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6021:04, 32
1A4B:05	SubIndex 005	5. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6021:05, 32
1A4B:06	SubIndex 006	6. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6021:06, 32
1A4B:07	SubIndex 007	7. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6021:07, 32
1A4B:08	SubIndex 008	8. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6021:08, 32

Index 1A4C AI Acc Z TxPDO-Map Samples 10 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A4C:0	AI Acc Z TxPDO-Map Samples 10 (Real32)	PDO Mapping TxPDO 77	UINT8	RO	0x0A (10_{dec})
1A4C:01	SubIndex 001	1. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6023:01, 32
1A4C:02	SubIndex 002	2. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6023:02, 32
1A4C:03	SubIndex 003	3. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6023:03, 32
1A4C:04	SubIndex 004	4. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6023:04, 32
1A4C:05	SubIndex 005	5. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6023:05, 32
1A4C:06	SubIndex 006	6. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6023:06, 32
1A4C:07	SubIndex 007	7. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6023:07, 32
1A4C:08	SubIndex 008	8. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6023:08, 32
1A4C:09	SubIndex 009	9. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6023:09, 32
1A4C:0A	SubIndex 010	10. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6023:0A, 32

Index 1A4D AI Acc Z TxPDO-Map Samples 10

Index (hex)	Name	Meaning	Data type	Flags	Default
1A4D:0	AI Acc Z TxPDO-Map Samples 10	PDO Mapping TxPDO 78	UINT8	RO	0x0A (10_{dec})
1A4D:01	SubIndex 001	1. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6021:01, 32
1A4D:02	SubIndex 002	2. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6021:02, 32
1A4D:03	SubIndex 003	3. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6021:03, 32
1A4D:04	SubIndex 004	4. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6021:04, 32
1A4D:05	SubIndex 005	5. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6021:05, 32
1A4D:06	SubIndex 006	6. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6021:06, 32
1A4D:07	SubIndex 007	7. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6021:07, 32
1A4D:08	SubIndex 008	8. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6021:08, 32
1A4D:09	SubIndex 009	9. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6021:09, 32
1A4D:0A	SubIndex 010	10. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6021:0A, 32

Index 1A4E AI Acc Z TxPDO-Map Samples 16 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A4E:0	AI Acc Z TxPDO-Map Samples 16 (Real32)	PDO Mapping TxPDO 79	UINT8	RO	0x10 (16_{dec})
1A4E:01	SubIndex 001	1. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6023:01, 32
1A4E:02	SubIndex 002	2. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6023:02, 32
1A4E:03	SubIndex 003	3. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6023:03, 32
1A4E:04	SubIndex 004	4. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6023:04, 32
1A4E:05	SubIndex 005	5. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6023:05, 32
1A4E:06	SubIndex 006	6. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6023:06, 32
1A4E:07	SubIndex 007	7. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6023:07, 32
1A4E:08	SubIndex 008	8. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6023:08, 32
1A4E:09	SubIndex 009	9. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6023:09, 32
1A4E:0A	SubIndex 010	10. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6023:0A, 32
1A4E:0B	SubIndex 011	11. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6023:0B, 32
1A4E:0C	SubIndex 012	12. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6023:0C, 32
1A4E:0D	SubIndex 013	13. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6023:0D, 32
1A4E:0E	SubIndex 014	14. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6023:0E, 32
1A4E:0F	SubIndex 015	15. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6023:0F, 32
1A4E:10	SubIndex 016	16. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6023:10, 32

Index 1A4F AI Acc Z TxPDO-Map Samples 16

Index (hex)	Name	Meaning	Data type	Flags	Default
1A4F:0	AI Acc Z TxPDO-Map Samples 16	PDO Mapping TxPDO 80	UINT8	RO	0x10 (16_{dec})
1A4F:01	SubIndex 001	1. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x01 (Sample))	UINT32	RO	0x6021:01, 32
1A4F:02	SubIndex 002	2. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x02 (Sample))	UINT32	RO	0x6021:02, 32
1A4F:03	SubIndex 003	3. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x03 (Sample))	UINT32	RO	0x6021:03, 32
1A4F:04	SubIndex 004	4. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x04 (Sample))	UINT32	RO	0x6021:04, 32
1A4F:05	SubIndex 005	5. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x05 (Sample))	UINT32	RO	0x6021:05, 32
1A4F:06	SubIndex 006	6. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x06 (Sample))	UINT32	RO	0x6021:06, 32
1A4F:07	SubIndex 007	7. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x07 (Sample))	UINT32	RO	0x6021:07, 32
1A4F:08	SubIndex 008	8. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x08 (Sample))	UINT32	RO	0x6021:08, 32
1A4F:09	SubIndex 009	9. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6021:09, 32
1A4F:0A	SubIndex 010	10. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6021:0A, 32
1A4F:0B	SubIndex 011	11. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0B (Sample))	UINT32	RO	0x6021:0B, 32
1A4F:0C	SubIndex 012	12. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0C (Sample))	UINT32	RO	0x6021:0C, 32
1A4F:0D	SubIndex 013	13. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0D (Sample))	UINT32	RO	0x6021:0D, 32
1A4F:0E	SubIndex 014	14. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0E (Sample))	UINT32	RO	0x6021:0E, 32
1A4F:0F	SubIndex 015	15. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0F (Sample))	UINT32	RO	0x6021:0F, 32
1A4F:10	SubIndex 016	16. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x10 (Sample))	UINT32	RO	0x6021:10, 32

Index 1A50 AI Acc Z TxPDO-Map Samples 20 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A50:0	AI Acc Z TxPDO-Map Samples 20 (Real32)	PDO Mapping TxPDO 81	UINT8	RO	0x14 (20_{dec})
1A50:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6023:01, 32
1A50:02	SubIndex 002	2. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6023:02, 32
1A50:03	SubIndex 003	3. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6023:03, 32
1A50:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x6023:04, 32
1A50:05	SubIndex 005	5. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6023:05, 32
1A50:06	SubIndex 006	6. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6023:06, 32
1A50:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6023:07, 32
1A50:08	SubIndex 008	8. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x6023:08, 32
1A50:09	SubIndex 009	9. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6023:09, 32
1A50:0A	SubIndex 010	10. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6023:0A, 32
1A50:0B	SubIndex 011	11. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6023:0B, 32
1A50:0C	SubIndex 012	12. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6023:0C, 32
1A50:0D	SubIndex 013	13. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6023:0D, 32
1A50:0E	SubIndex 014	14. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6023:0E, 32
1A50:0F	SubIndex 015	15. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6023:0F, 32
1A50:10	SubIndex 016	16. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6023:10, 32
1A50:11	SubIndex 017	17. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6023:11, 32
1A50:12	SubIndex 018	18. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6023:12, 32
1A50:13	SubIndex 019	19. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6023:13, 32
1A50:14	SubIndex 020	20. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6023:14, 32

Index 1A51 AI Acc Z TxPDO-Map Samples 20

Index (hex)	Name	Meaning	Data type	Flags	Default
1A51:0	AI Acc Z TxPDO-Map Samples 20	PDO Mapping TxPDO 82	UINT8	RO	0x14 (20_{dec})
1A51:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6021:01, 32
1A51:02	SubIndex 002	2. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6021:02, 32
1A51:03	SubIndex 003	3. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6021:03, 32
1A51:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x6021:04, 32
1A51:05	SubIndex 005	5. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6021:05, 32
1A51:06	SubIndex 006	6. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6021:06, 32
1A51:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6021:07, 32
1A51:08	SubIndex 008	8. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x12 (Value))	UINT32	RO	0x6021:08, 32
1A51:09	SubIndex 009	9. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x09 (Sample))	UINT32	RO	0x6021:09, 32
1A51:0A	SubIndex 010	10. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0A (Sample))	UINT32	RO	0x6021:0A, 32
1A51:0B	SubIndex 011	11. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0B (Sample))	UINT32	RO	0x6021:0B, 32
1A51:0C	SubIndex 012	12. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0C (Sample))	UINT32	RO	0x6021:0C, 32
1A51:0D	SubIndex 013	13. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0D (Sample))	UINT32	RO	0x6021:0D, 32
1A51:0E	SubIndex 014	14. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0E (Sample))	UINT32	RO	0x6021:0E, 32
1A51:0F	SubIndex 015	15. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x0F (Sample))	UINT32	RO	0x6021:0F, 32
1A51:10	SubIndex 016	16. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x10 (Sample))	UINT32	RO	0x6021:10, 32
1A51:11	SubIndex 017	17. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x11 (Sample))	UINT32	RO	0x6021:11, 32
1A51:12	SubIndex 018	18. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x12 (Sample))	UINT32	RO	0x6021:12, 32
1A51:13	SubIndex 019	19. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x13 (Sample))	UINT32	RO	0x6021:13, 32
1A51:14	SubIndex 020	20. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x14 (Sample))	UINT32	RO	0x6021:14, 32

Index 1A52 AI Acc Z TxPDO-Map Samples 40 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A52:0	AI Acc Z TxPDO-Map Samples 40 (Real32)	PDO Mapping TxPDO 83	UINT8	RO	0x28 (40_{dec})
1A52:01	SubIndex 001	1. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6023:01, 32
1A52:02	SubIndex 002	2. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6023:02, 32
1A52:03	SubIndex 003	3. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6023:03, 32
1A52:04	SubIndex 004	4. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6023:04, 32
1A52:05	SubIndex 005	5. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6023:05, 32
1A52:06	SubIndex 006	6. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6023:06, 32
1A52:07	SubIndex 007	7. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6023:07, 32
1A52:08	SubIndex 008	8. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6023:08, 32
1A52:09	SubIndex 009	9. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6023:09, 32
1A52:0A	SubIndex 010	10. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6023:0A, 32
1A52:0B	SubIndex 011	11. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6023:0B, 32
1A52:0C	SubIndex 012	12. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6023:0C, 32
1A52:0D	SubIndex 013	13. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6023:0D, 32
1A52:0E	SubIndex 014	14. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6023:0E, 32
1A52:0F	SubIndex 015	15. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6023:0F, 32
1A52:10	SubIndex 016	16. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6023:10, 32
1A52:11	SubIndex 017	17. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6023:11, 32
1A52:12	SubIndex 018	18. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6023:12, 32
1A52:13	SubIndex 019	19. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6023:13, 32
1A52:14	SubIndex 020	20. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6023:14, 32
1A52:15	SubIndex 021	21. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x15 (Sample))	UINT32	RO	0x6023:15, 32
1A52:16	SubIndex 022	22. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x16 (Sample))	UINT32	RO	0x6023:16, 32
1A52:17	SubIndex 023	23. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x17 (Sample))	UINT32	RO	0x6023:17, 32
1A52:18	SubIndex 024	24. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x18 (Sample))	UINT32	RO	0x6023:18, 32
1A52:19	SubIndex 025	25. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x19 (Sample))	UINT32	RO	0x6023:19, 32
1A52:1A	SubIndex 026	26. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1A (Sample))	UINT32	RO	0x6023:1A, 32
1A52:1B	SubIndex 027	27. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1B (Sample))	UINT32	RO	0x6023:1B, 32
1A52:1C	SubIndex 028	28. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1C (Sample))	UINT32	RO	0x6023:1C, 32
1A52:1D	SubIndex 029	29. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1D (Sample))	UINT32	RO	0x6023:1D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A52:1E	SubIndex 030	30. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1E (Sample))	UINT32	RO	0x6023:1E, 32
1A52:1F	SubIndex 031	31. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1F (Sample))	UINT32	RO	0x6023:1F, 32
1A52:20	SubIndex 032	32. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x20 (Sample))	UINT32	RO	0x6023:20, 32
1A52:21	SubIndex 033	33. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x21 (Sample))	UINT32	RO	0x6023:21, 32
1A52:22	SubIndex 034	34. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x22 (Sample))	UINT32	RO	0x6023:22, 32
1A52:23	SubIndex 035	35. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x23 (Sample))	UINT32	RO	0x6023:23, 32
1A52:24	SubIndex 036	36. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x24 (Sample))	UINT32	RO	0x6023:24, 32
1A52:25	SubIndex 037	37. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x25 (Sample))	UINT32	RO	0x6023:25, 32
1A52:26	SubIndex 038	38. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x26 (Sample))	UINT32	RO	0x6023:26, 32
1A52:27	SubIndex 039	39. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x27 (Sample))	UINT32	RO	0x6023:27, 32
1A52:28	SubIndex 040	40. PDO Mapping entry (object 0x6023 (AI Acc Samples (Real32)), entry 0x28 (Sample))	UINT32	RO	0x6023:28, 32

Index 1A53 AI Acc Z TxPDO-Map Samples 40

Index (hex)	Name	Meaning	Data type	Flags	Default
1A53:0	AI Acc Z TxPDO-Map Samples 40	PDO Mapping TxPDO 84	UINT8	RO	0x28 (40_{dec})
1A53:01	SubIndex 001	1. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6021:01, 32
1A53:02	SubIndex 002	2. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6021:02, 32
1A53:03	SubIndex 003	3. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6021:03, 32
1A53:04	SubIndex 004	4. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6021:04, 32
1A53:05	SubIndex 005	5. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6021:05, 32
1A53:06	SubIndex 006	6. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6021:06, 32
1A53:07	SubIndex 007	7. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6021:07, 32
1A53:08	SubIndex 008	8. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6021:08, 32
1A53:09	SubIndex 009	9. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6021:09, 32
1A53:0A	SubIndex 010	10. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6021:0A, 32
1A53:0B	SubIndex 011	11. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6021:0B, 32
1A53:0C	SubIndex 012	12. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6021:0C, 32
1A53:0D	SubIndex 013	13. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6021:0D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A53:0E	SubIndex 014	14. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6021:0E, 32
1A53:0F	SubIndex 015	15. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6021:0F, 32
1A53:10	SubIndex 016	16. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6021:10, 32
1A53:11	SubIndex 017	17. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x11 (Sample))	UINT32	RO	0x6021:11, 32
1A53:12	SubIndex 018	18. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x12 (Sample))	UINT32	RO	0x6021:12, 32
1A53:13	SubIndex 019	19. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x13 (Sample))	UINT32	RO	0x6021:13, 32
1A53:14	SubIndex 020	20. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x14 (Sample))	UINT32	RO	0x6021:14, 32
1A53:15	SubIndex 021	21. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x15 (Sample))	UINT32	RO	0x6021:15, 32
1A53:16	SubIndex 022	22. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x16 (Sample))	UINT32	RO	0x6021:16, 32
1A53:17	SubIndex 023	23. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x17 (Sample))	UINT32	RO	0x6021:17, 32
1A53:18	SubIndex 024	24. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x18 (Sample))	UINT32	RO	0x6021:18, 32
1A53:19	SubIndex 025	25. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x19 (Sample))	UINT32	RO	0x6021:19, 32
1A53:1A	SubIndex 026	26. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1A (Sample))	UINT32	RO	0x6021:1A, 32
1A53:1B	SubIndex 027	27. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1B (Sample))	UINT32	RO	0x6021:1B, 32
1A53:1C	SubIndex 028	28. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1C (Sample))	UINT32	RO	0x6021:1C, 32
1A53:1D	SubIndex 029	29. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1D (Sample))	UINT32	RO	0x6021:1D, 32
1A53:1E	SubIndex 030	30. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1E (Sample))	UINT32	RO	0x6021:1E, 32
1A53:1F	SubIndex 031	31. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1F (Sample))	UINT32	RO	0x6021:1F, 32
1A53:20	SubIndex 032	32. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x20 (Sample))	UINT32	RO	0x6021:20, 32
1A53:21	SubIndex 033	33. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x21 (Sample))	UINT32	RO	0x6021:21, 32
1A53:22	SubIndex 034	34. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x22 (Sample))	UINT32	RO	0x6021:22, 32
1A53:23	SubIndex 035	35. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x23 (Sample))	UINT32	RO	0x6021:23, 32
1A53:24	SubIndex 036	36. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x24 (Sample))	UINT32	RO	0x6021:24, 32
1A53:25	SubIndex 037	37. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x25 (Sample))	UINT32	RO	0x6021:25, 32
1A53:26	SubIndex 038	38. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x26 (Sample))	UINT32	RO	0x6021:26, 32
1A53:27	SubIndex 039	39. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x27 (Sample))	UINT32	RO	0x6021:27, 32
1A53:28	SubIndex 040	40. PDO Mapping entry (object 0x6021 (AI Acc Samples), entry 0x28 (Sample))	UINT32	RO	0x6021:28, 32

Index 1A60 AI Gyro X TxPDO-Map Status

Index (hex)	Name	Meaning	Data type	Flags	Default
1A60:0	AI Gyro X TxPDO-Map Status	PDO Mapping TxPDO 97	UINT8	RO	0x08 (8_{dec})
1A60:01	SubIndex 001	1. PDO Mapping entry (14 bits align)	UINT32	RO	0x0000:00, 8
1A60:02	SubIndex 002	2. PDO Mapping entry (object 0x6060 (AI Temp Inputs Ch.1), entry 0x0F (TxPDO State))	UINT32	RO	0x6030:09, 2
1A60:03	SubIndex 003	3. PDO Mapping entry (object 0x6060 (AI Temp Inputs Ch.1), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6030:0B, 1
1A60:04	SubIndex 004	4. PDO Mapping entry (16 bits align)	UINT32	RO	0x0000:00, 2
1A60:05	SubIndex 005	5. PDO Mapping entry (object 0x6060 (AI Temp Inputs Ch.1), entry 0x13 (Value (Real32)))	UINT32	RO	0x6030:0E, 1
1A60:06	SubIndex 006	6. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6030:0F, 1
1A60:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6030:10, 1
1A60:08	SubIndex 008	8. PDO Mapping entry (16 bits align)	UINT32	RO	0x0000:00, 16

Index 1A61 AI Gyro X TxPDO-Map Input Cycle Counter

Index (hex)	Name	Meaning	Data type	Flags	Default
1A61:0	AI Gyro X TxPDO-Map Input Cycle Counter	PDO Mapping TxPDO 98	UINT8	RO	0x01 (1_{dec})
1A61:01	SubIndex 001	1. PDO Mapping entry (14 bits align)	UINT32	RO	0x6030:14, 16

Index 1A62 AI Gyro X TxPDO-Map Inputs Legacy Real

Index (hex)	Name	Meaning	Data type	Flags	Default
1A62:0	AI Gyro X TxPDO-Map Inputs Legacy Real	PDO Mapping TxPDO 99	UINT8	RO	0x09 (9_{dec})
1A62:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1A62:02	SubIndex 002	2. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6030:09, 2
1A62:03	SubIndex 003	3. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6030:0B, 1
1A62:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1A62:05	SubIndex 005	5. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6030:0E, 1
1A62:06	SubIndex 006	6. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6030:0F, 1
1A62:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6030:10, 1
1A62:08	SubIndex 008	8. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x0000:00, 16
1A62:09	SubIndex 009	9. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x6030:13, 32

Index 1A63 AI Gyro X TxPDO-Map Inputs Legacy Int

Index (hex)	Name	Meaning	Data type	Flags	Default
1A63:0	AI Gyro X TxPDO-Map Inputs Legacy Int	PDO Mapping TxPDO 100	UINT8	RO	0x09 (9_{dec})
1A63:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1A63:02	SubIndex 002	2. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6030:09, 2
1A63:03	SubIndex 003	3. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6030:0B, 1
1A63:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1A63:05	SubIndex 005	5. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6030:0E, 1
1A63:06	SubIndex 006	6. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6030:0F, 1
1A63:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6030:10, 1
1A63:08	SubIndex 008	8. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x12 (Value))	UINT32	RO	0x0000:00, 16
1A63:09	SubIndex 009	9. PDO Mapping entry (object 0x6030 (AI Gyro Inputs), entry 0x12 (Value))	UINT32	RO	0x6030:12, 32

Index 1A64 AI Gyro X TxPDO-Map Samples 1 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A64:0	AI Gyro X TxPDO-Map Samples 1 (Real32)	PDO Mapping TxPDO 101	UINT8	RO	0x01 (1_{dec})
1A64:01	SubIndex 001	1. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6033:01, 32

Index 1A65 AI Gyro X TxPDO-Map Samples 1

Index (hex)	Name	Meaning	Data type	Flags	Default
1A65:0	AI Gyro X TxPDO-Map Samples 1	PDO Mapping TxPDO 102	UINT8	RO	0x01 (1_{dec})
1A65:01	SubIndex 001	1. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6031:01, 32

Index 1A66 AI Gyro X TxPDO-Map Samples 2 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A66:0	AI Gyro X TxPDO-Map Samples 2 (Real32)	PDO Mapping TxPDO 103	UINT8	RO	0x02 (2_{dec})
1A66:01	SubIndex 001	1. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6033:01, 32
1A66:02	SubIndex 002	2. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6033:02, 32

Index 1A67 AI Gyro X TxPDO-Map Samples 2

Index (hex)	Name	Meaning	Data type	Flags	Default
1A67:0	AI Gyro X TxPDO-Map Samples 2	PDO Mapping TxPDO 104	UINT8	RO	0x02 (2_{dec})
1A67:01	SubIndex 001	1. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6031:01, 32
1A67:02	SubIndex 002	2. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6031:02, 32

Index 1A68 AI Gyro X TxPDO-Map Samples 4 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A68:0	AI Gyro X TxPDO-Map Samples 4 (Real32)	PDO Mapping TxPDO 105	UINT8	RO	0x04 (4_{dec})
1A68:01	SubIndex 001	1. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6033:01, 32
1A68:02	SubIndex 002	2. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6033:02, 32
1A68:03	SubIndex 003	3. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6033:03, 32
1A68:04	SubIndex 004	4. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6033:04, 32

Index 1A69 AI Gyro X TxPDO-Map Samples 4

Index (hex)	Name	Meaning	Data type	Flags	Default
1A69:0	AI Gyro X TxPDO-Map Samples 4	PDO Mapping TxPDO 106	UINT8	RO	0x04 (4_{dec})
1A69:01	SubIndex 001	1. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6031:01, 32
1A69:02	SubIndex 002	2. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6031:02, 32
1A69:03	SubIndex 003	3. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6031:03, 32
1A69:04	SubIndex 004	4. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6031:04, 32

Index 1A6A AI Gyro X TxPDO-Map Samples 8 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A6A:0	AI Gyro X TxPDO-Map Samples 8 (Real32)	PDO Mapping TxPDO 107	UINT8	RO	0x08 (8_{dec})
1A6A:01	SubIndex 001	1. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6033:01, 32
1A6A:02	SubIndex 002	2. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6033:02, 32
1A6A:03	SubIndex 003	3. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6033:03, 32
1A6A:04	SubIndex 004	4. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6033:04, 32
1A6A:05	SubIndex 005	5. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6033:05, 32
1A6A:06	SubIndex 006	6. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6033:06, 32
1A6A:07	SubIndex 007	7. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6033:07, 32
1A6A:08	SubIndex 008	8. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6033:08, 32

Index 1A6B AI Gyro X TxPDO-Map Samples 8

Index (hex)	Name	Meaning	Data type	Flags	Default
1A6B:0	AI Gyro X TxPDO-Map Samples 8	PDO Mapping TxPDO 108	UINT8	RO	0x08 (8_{dec})
1A6B:01	SubIndex 001	1. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6031:01, 32
1A6B:02	SubIndex 002	2. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6031:02, 32
1A6B:03	SubIndex 003	3. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6031:03, 32
1A6B:04	SubIndex 004	4. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6031:04, 32
1A6B:05	SubIndex 005	5. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6031:05, 32
1A6B:06	SubIndex 006	6. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6031:06, 32
1A6B:07	SubIndex 007	7. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6031:07, 32
1A6B:08	SubIndex 008	8. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6031:08, 32

Index 1A6C AI Gyro X TxPDO-Map Samples 10 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A6C:0	AI Gyro X TxPDO-Map Samples 10 (Real32)	PDO Mapping TxPDO 109	UINT8	RO	0x0A (10_{dec})
1A6C:01	SubIndex 001	1. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6033:01, 32
1A6C:02	SubIndex 002	2. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6033:02, 32
1A6C:03	SubIndex 003	3. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6033:03, 32
1A6C:04	SubIndex 004	4. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6033:04, 32
1A6C:05	SubIndex 005	5. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6033:05, 32
1A6C:06	SubIndex 006	6. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6033:06, 32
1A6C:07	SubIndex 007	7. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6033:07, 32
1A6C:08	SubIndex 008	8. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6033:08, 32
1A6C:09	SubIndex 009	9. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6033:09, 32
1A6C:0A	SubIndex 010	10. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6033:0A, 32

Index 1A6D AI Gyro X TxPDO-Map Samples 10

Index (hex)	Name	Meaning	Data type	Flags	Default
1A6D:0	AI Gyro X TxPDO-Map Samples 10	PDO Mapping TxPDO 110	UINT8	RO	0x0A (10_{dec})
1A6D:01	SubIndex 001	1. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6031:01, 32
1A6D:02	SubIndex 002	2. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6031:02, 32
1A6D:03	SubIndex 003	3. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6031:03, 32
1A6D:04	SubIndex 004	4. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6031:04, 32
1A6D:05	SubIndex 005	5. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6031:05, 32
1A6D:06	SubIndex 006	6. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6031:06, 32
1A6D:07	SubIndex 007	7. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6031:07, 32
1A6D:08	SubIndex 008	8. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6031:08, 32
1A6D:09	SubIndex 009	9. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6031:09, 32
1A6D:0A	SubIndex 010	10. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6031:0A, 32

Index 1A6E AI Gyro X TxPDO-Map Samples 16 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A6E:0	AI Gyro X TxPDO-Map Samples 16 (Real32)	PDO Mapping TxPDO 111	UINT8	RO	0x10 (16_{dec})
1A6E:01	SubIndex 001	1. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6033:01, 32
1A6E:02	SubIndex 002	2. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6033:02, 32
1A6E:03	SubIndex 003	3. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6033:03, 32
1A6E:04	SubIndex 004	4. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6033:04, 32
1A6E:05	SubIndex 005	5. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6033:05, 32
1A6E:06	SubIndex 006	6. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6033:06, 32
1A6E:07	SubIndex 007	7. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6033:07, 32
1A6E:08	SubIndex 008	8. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6033:08, 32
1A6E:09	SubIndex 009	9. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6033:09, 32
1A6E:0A	SubIndex 010	10. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6033:0A, 32
1A6E:0B	SubIndex 011	11. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6033:0B, 32
1A6E:0C	SubIndex 012	12. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6033:0C, 32
1A6E:0D	SubIndex 013	13. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6033:0D, 32
1A6E:0E	SubIndex 014	14. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6033:0E, 32
1A6E:0F	SubIndex 015	15. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6033:0F, 32
1A6E:10	SubIndex 016	16. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6033:10, 32

Index 1A6F AI Gyro X TxPDO-Map Samples 16

Index (hex)	Name	Meaning	Data type	Flags	Default
1A6F:0	AI Gyro X TxPDO-Map Samples 16	PDO Mapping TxPDO 112	UINT8	RO	0x10 (16_{dec})
1A6F:01	SubIndex 001	1. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6031:01, 32
1A6F:02	SubIndex 002	2. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6031:02, 32
1A6F:03	SubIndex 003	3. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6031:03, 32
1A6F:04	SubIndex 004	4. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6031:04, 32
1A6F:05	SubIndex 005	5. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6031:05, 32
1A6F:06	SubIndex 006	6. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6031:06, 32
1A6F:07	SubIndex 007	7. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6031:07, 32
1A6F:08	SubIndex 008	8. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6031:08, 32
1A6F:09	SubIndex 009	9. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6031:09, 32
1A6F:0A	SubIndex 010	10. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6031:0A, 32
1A6F:0B	SubIndex 011	11. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6031:0B, 32
1A6F:0C	SubIndex 012	12. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6031:0C, 32
1A6F:0D	SubIndex 013	13. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6031:0D, 32
1A6F:0E	SubIndex 014	14. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6031:0E, 32
1A6F:0F	SubIndex 015	15. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6031:0F, 32
1A6F:10	SubIndex 016	16. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6031:10, 32

Index 1A70 AI Gyro X TxPDO-Map Samples 20 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A70:0	AI Gyro X TxPDO-Map Samples 20 (Real32)	PDO Mapping TxPDO 113	UINT8	RO	0x14 (20_{dec})
1A70:01	SubIndex 001	1. PDO Mapping entry (object 0x6070 (AI Acc Inputs), entry 0x11 (Sync Indicator))	UINT32	RO	0x6033:01, 32
1A70:02	SubIndex 002	2. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6033:02, 32
1A70:03	SubIndex 003	3. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6033:03, 32
1A70:04	SubIndex 004	4. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6033:04, 32
1A70:05	SubIndex 005	5. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6033:05, 32
1A70:06	SubIndex 006	6. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6033:06, 32
1A70:07	SubIndex 007	7. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6033:07, 32
1A70:08	SubIndex 008	8. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6033:08, 32
1A70:09	SubIndex 009	9. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6033:09, 32
1A70:0A	SubIndex 010	10. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6033:0A, 32
1A70:0B	SubIndex 011	11. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6033:0B, 32
1A70:0C	SubIndex 012	12. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6033:0C, 32
1A70:0D	SubIndex 013	13. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6033:0D, 32
1A70:0E	SubIndex 014	14. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6033:0E, 32
1A70:0F	SubIndex 015	15. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6033:0F, 32
1A70:10	SubIndex 016	16. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6033:10, 32
1A70:11	SubIndex 017	17. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6033:11, 32
1A70:12	SubIndex 018	18. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6033:12, 32
1A70:13	SubIndex 019	19. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6033:13, 32
1A70:14	SubIndex 020	20. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6033:14, 32

Index 1A71 AI Gyro X TxPDO-Map Samples 20

Index (hex)	Name	Meaning	Data type	Flags	Default
1A71:0	AI Gyro X TxPDO-Map Samples 20	PDO Mapping TxPDO 114	UINT8	RO	0x14 (20_{dec})
1A71:01	SubIndex 001	1. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6031:01, 32
1A71:02	SubIndex 002	2. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6031:02, 32
1A71:03	SubIndex 003	3. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6031:03, 32
1A71:04	SubIndex 004	4. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6031:04, 32
1A71:05	SubIndex 005	5. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6031:05, 32
1A71:06	SubIndex 006	6. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6031:06, 32
1A71:07	SubIndex 007	7. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6031:07, 32
1A71:08	SubIndex 008	8. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6031:08, 32
1A71:09	SubIndex 009	9. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6031:09, 32
1A71:0A	SubIndex 010	10. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6031:0A, 32
1A71:0B	SubIndex 011	11. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6031:0B, 32
1A71:0C	SubIndex 012	12. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6031:0C, 32
1A71:0D	SubIndex 013	13. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6031:0D, 32
1A71:0E	SubIndex 014	14. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6031:0E, 32
1A71:0F	SubIndex 015	15. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6031:0F, 32
1A71:10	SubIndex 016	16. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6031:10, 32
1A71:11	SubIndex 017	17. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x11 (Sample))	UINT32	RO	0x6031:11, 32
1A71:12	SubIndex 018	18. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x12 (Sample))	UINT32	RO	0x6031:12, 32
1A71:13	SubIndex 019	19. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x13 (Sample))	UINT32	RO	0x6031:13, 32
1A71:14	SubIndex 020	20. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x14 (Sample))	UINT32	RO	0x6031:14, 32

Index 1A72 AI Gyro X TxPDO-Map Samples 40 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A72:0	AI Gyro X TxPDO-Map Samples 40 (Real32)	PDO Mapping TxPDO 115	UINT8	RO	0x28 (40_{dec})
1A72:01	SubIndex 001	1. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6033:01, 32
1A72:02	SubIndex 002	2. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6033:02, 32
1A72:03	SubIndex 003	3. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6033:03, 32
1A72:04	SubIndex 004	4. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6033:04, 32
1A72:05	SubIndex 005	5. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6033:05, 32
1A72:06	SubIndex 006	6. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6033:06, 32
1A72:07	SubIndex 007	7. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6033:07, 32
1A72:08	SubIndex 008	8. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6033:08, 32
1A72:09	SubIndex 009	9. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6033:09, 32
1A72:0A	SubIndex 010	10. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6033:0A, 32
1A72:0B	SubIndex 011	11. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6033:0B, 32
1A72:0C	SubIndex 012	12. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6033:0C, 32
1A72:0D	SubIndex 013	13. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6033:0D, 32
1A72:0E	SubIndex 014	14. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6033:0E, 32
1A72:0F	SubIndex 015	15. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6033:0F, 32
1A72:10	SubIndex 016	16. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6033:10, 32
1A72:11	SubIndex 017	17. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6033:11, 32
1A72:12	SubIndex 018	18. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6033:12, 32
1A72:13	SubIndex 019	19. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6033:13, 32
1A72:14	SubIndex 020	20. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6033:14, 32
1A72:15	SubIndex 021	21. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x15 (Sample))	UINT32	RO	0x6033:15, 32
1A72:16	SubIndex 022	22. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x16 (Sample))	UINT32	RO	0x6033:16, 32
1A72:17	SubIndex 023	23. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x17 (Sample))	UINT32	RO	0x6033:17, 32
1A72:18	SubIndex 024	24. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x18 (Sample))	UINT32	RO	0x6033:18, 32
1A72:19	SubIndex 025	25. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x19 (Sample))	UINT32	RO	0x6033:19, 32
1A72:1A	SubIndex 026	26. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1A (Sample))	UINT32	RO	0x6033:1A, 32
1A72:1B	SubIndex 027	27. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1B (Sample))	UINT32	RO	0x6033:1B, 32
1A72:1C	SubIndex 028	28. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1C (Sample))	UINT32	RO	0x6033:1C, 32
1A72:1D	SubIndex 029	29. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1D (Sample))	UINT32	RO	0x6033:1D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A72:1E	SubIndex 030	30. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1E (Sample))	UINT32	RO	0x6033:1E, 32
1A72:1F	SubIndex 031	31. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x1F (Sample))	UINT32	RO	0x6033:1F, 32
1A72:20	SubIndex 032	32. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x20 (Sample))	UINT32	RO	0x6033:20, 32
1A72:21	SubIndex 033	33. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x21 (Sample))	UINT32	RO	0x6033:21, 32
1A72:22	SubIndex 034	34. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x22 (Sample))	UINT32	RO	0x6033:22, 32
1A72:23	SubIndex 035	35. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x23 (Sample))	UINT32	RO	0x6033:23, 32
1A72:24	SubIndex 036	36. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x24 (Sample))	UINT32	RO	0x6033:24, 32
1A72:25	SubIndex 037	37. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x25 (Sample))	UINT32	RO	0x6033:25, 32
1A72:26	SubIndex 038	38. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x26 (Sample))	UINT32	RO	0x6033:26, 32
1A72:27	SubIndex 039	39. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x27 (Sample))	UINT32	RO	0x6033:27, 32
1A72:28	SubIndex 040	40. PDO Mapping entry (object 0x6033 (AI Gyro Samples (Real32)), entry 0x28 (Sample))	UINT32	RO	0x6033:28, 32

Index 1A73 AI Gyro X TxPDO-Map Samples 40

Index (hex)	Name	Meaning	Data type	Flags	Default
1A73:0	AI Gyro X TxPDO-Map Samples 40	PDO Mapping TxPDO 116	UINT8	RO	0x28 (40_{dec})
1A73:01	SubIndex 001	1. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6031:01, 32
1A73:02	SubIndex 002	2. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6031:02, 32
1A73:03	SubIndex 003	3. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6031:03, 32
1A73:04	SubIndex 004	4. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6031:04, 32
1A73:05	SubIndex 005	5. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6031:05, 32
1A73:06	SubIndex 006	6. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6031:06, 32
1A73:07	SubIndex 007	7. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6031:07, 32
1A73:08	SubIndex 008	8. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6031:08, 32
1A73:09	SubIndex 009	9. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6031:09, 32
1A73:0A	SubIndex 010	10. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6031:0A, 32
1A73:0B	SubIndex 011	11. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6031:0B, 32
1A73:0C	SubIndex 012	12. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6031:0C, 32
1A73:0D	SubIndex 013	13. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6031:0D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A73:0E	SubIndex 014	14. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6031:0E, 32
1A73:0F	SubIndex 015	15. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6031:0F, 32
1A73:10	SubIndex 016	16. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6031:10, 32
1A73:11	SubIndex 017	17. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x11 (Sample))	UINT32	RO	0x6031:11, 32
1A73:12	SubIndex 018	18. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x12 (Sample))	UINT32	RO	0x6031:12, 32
1A73:13	SubIndex 019	19. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x13 (Sample))	UINT32	RO	0x6031:13, 32
1A73:14	SubIndex 020	20. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x14 (Sample))	UINT32	RO	0x6031:14, 32
1A73:15	SubIndex 021	21. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x15 (Sample))	UINT32	RO	0x6031:15, 32
1A73:16	SubIndex 022	22. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x16 (Sample))	UINT32	RO	0x6031:16, 32
1A73:17	SubIndex 023	23. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x17 (Sample))	UINT32	RO	0x6031:17, 32
1A73:18	SubIndex 024	24. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x18 (Sample))	UINT32	RO	0x6031:18, 32
1A73:19	SubIndex 025	25. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x19 (Sample))	UINT32	RO	0x6031:19, 32
1A73:1A	SubIndex 026	26. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1A (Sample))	UINT32	RO	0x6031:1A, 32
1A73:1B	SubIndex 027	27. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1B (Sample))	UINT32	RO	0x6031:1B, 32
1A73:1C	SubIndex 028	28. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1C (Sample))	UINT32	RO	0x6031:1C, 32
1A73:1D	SubIndex 029	29. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1D (Sample))	UINT32	RO	0x6031:1D, 32
1A73:1E	SubIndex 030	30. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1E (Sample))	UINT32	RO	0x6031:1E, 32
1A73:1F	SubIndex 031	31. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x1F (Sample))	UINT32	RO	0x6031:1F, 32
1A73:20	SubIndex 032	32. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x20 (Sample))	UINT32	RO	0x6031:20, 32
1A73:21	SubIndex 033	33. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x21 (Sample))	UINT32	RO	0x6031:21, 32
1A73:22	SubIndex 034	34. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x22 (Sample))	UINT32	RO	0x6031:22, 32
1A73:23	SubIndex 035	35. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x23 (Sample))	UINT32	RO	0x6031:23, 32
1A73:24	SubIndex 036	36. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x24 (Sample))	UINT32	RO	0x6031:24, 32
1A73:25	SubIndex 037	37. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x25 (Sample))	UINT32	RO	0x6031:25, 32
1A73:26	SubIndex 038	38. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x26 (Sample))	UINT32	RO	0x6031:26, 32
1A73:27	SubIndex 039	39. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x27 (Sample))	UINT32	RO	0x6031:27, 32
1A73:28	SubIndex 040	40. PDO Mapping entry (object 0x6031 (AI Gyro Samples), entry 0x28 (Sample))	UINT32	RO	0x6031:28, 32

Index 1A80 AI Gyro Y TxPDO-Map Status

Index (hex)	Name	Meaning	Data type	Flags	Default
1A80:0	AI Gyro Y TxPDO-Map Status	PDO Mapping TxPDO 129	UINT8	RO	0x08 (8_{dec})
1A80:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1A80:02	SubIndex 002	2. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6040:09, 2
1A80:03	SubIndex 003	3. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6040:0B, 1
1A80:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1A80:05	SubIndex 005	5. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6040:0E, 1
1A80:06	SubIndex 006	6. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6040:0F, 1
1A80:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6040:10, 1
1A80:08	SubIndex 008	8. PDO Mapping entry (16 bits align)	UINT32	RO	0x0000:00, 16

Index 1A81 AI Gyro Y TxPDO-Map Input Cycle Counter

Index (hex)	Name	Meaning	Data type	Flags	Default
1A81:0	AI Gyro Y TxPDO-Map Input Cycle Counter	PDO Mapping TxPDO 130	UINT8	RO	0x01 (1_{dec})
1A81:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6040:14, 16

Index 1A82 AI Gyro Y TxPDO-Map Inputs Legacy Real

Index (hex)	Name	Meaning	Data type	Flags	Default
1A82:0	AI Gyro Y TxPDO-Map Inputs Legacy Real	PDO Mapping TxPDO 131	UINT8	RO	0x09 (9_{dec})
1A82:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1A82:02	SubIndex 002	2. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6040:09, 2
1A82:03	SubIndex 003	3. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6040:0B, 1
1A82:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1A82:05	SubIndex 005	5. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6040:0E, 1
1A82:06	SubIndex 006	6. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6040:0F, 1
1A82:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6040:10, 1
1A82:08	SubIndex 008	8. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x0000:00, 16
1A82:09	SubIndex 009	9. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x6040:13, 32

Index 1A83 AI Gyro Y TxPDO-Map Inputs Legacy Int

Index (hex)	Name	Meaning	Data type	Flags	Default
1A83:0	AI Gyro Y TxPDO-Map Inputs Legacy Int	PDO Mapping TxPDO 132	UINT8	RO	0x09 (9_{dec})
1A83:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1A83:02	SubIndex 002	2. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6040:09, 2
1A83:03	SubIndex 003	3. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6040:0B, 1
1A83:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1A83:05	SubIndex 005	5. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6040:0E, 1
1A83:06	SubIndex 006	6. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6040:0F, 1
1A83:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6040:10, 1
1A83:08	SubIndex 008	8. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x12 (Value))	UINT32	RO	0x0000:00, 16
1A83:09	SubIndex 009	9. PDO Mapping entry (object 0x6040 (AI Gyro Inputs), entry 0x12 (Value))	UINT32	RO	0x6040:12, 32

Index 1A84 AI Gyro Y TxPDO-Map Samples 1 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A84:0	AI Gyro Y TxPDO-Map Samples 1 (Real32)	PDO Mapping TxPDO 133	UINT8	RO	0x01 (1_{dec})
1A84:01	SubIndex 001	1. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6043:01, 32

Index 1A85 AI Gyro Y TxPDO-Map Samples 1

Index (hex)	Name	Meaning	Data type	Flags	Default
1A85:0	AI Gyro Y TxPDO-Map Samples 1	PDO Mapping TxPDO 134	UINT8	RO	0x01 (1_{dec})
1A85:01	SubIndex 001	1. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6041:01, 32

Index 1A86 AI Gyro Y TxPDO-Map Samples 2 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A86:0	AI Gyro Y TxPDO-Map Samples 2 (Real32)	PDO Mapping TxPDO 135	UINT8	RO	0x02 (2_{dec})
1A86:01	SubIndex 001	1. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6043:01, 32
1A86:02	SubIndex 002	2. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6043:02, 32

Index 1A87 AI Gyro Y TxPDO-Map Samples 2

Index (hex)	Name	Meaning	Data type	Flags	Default
1A87:0	AI Gyro Y TxPDO-Map Samples 2	PDO Mapping TxPDO 136	UINT8	RO	0x02 (2_{dec})
1A87:01	SubIndex 001	1. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6041:01, 32
1A87:02	SubIndex 002	2. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6041:02, 32

Index 1A88 AI Gyro Y TxPDO-Map Samples 4 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A88:0	AI Gyro Y TxPDO-Map Samples 4 (Real32)	PDO Mapping TxPDO 137	UINT8	RO	0x04 (4_{dec})
1A88:01	SubIndex 001	1. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6043:01, 32
1A88:02	SubIndex 002	2. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6043:02, 32
1A88:03	SubIndex 003	3. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6043:03, 32
1A88:04	SubIndex 004	4. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6043:04, 32

Index 1A89 AI Gyro Y TxPDO-Map Samples 4

Index (hex)	Name	Meaning	Data type	Flags	Default
1A89:0	AI Gyro Y TxPDO-Map Samples 4	PDO Mapping TxPDO 138	UINT8	RO	0x04 (4_{dec})
1A89:01	SubIndex 001	1. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6041:01, 32
1A89:02	SubIndex 002	2. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6041:02, 32
1A89:03	SubIndex 003	3. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6041:03, 32
1A89:04	SubIndex 004	4. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6041:04, 32

Index 1A8A AI Gyro Y TxPDO-Map Samples 8 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A8A:0	AI Gyro Y TxPDO-Map Samples 8 (Real32)	PDO Mapping TxPDO 139	UINT8	RO	0x08 (8_{dec})
1A8A:01	SubIndex 001	1. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6043:01, 32
1A8A:02	SubIndex 002	2. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6043:02, 32
1A8A:03	SubIndex 003	3. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6043:03, 32
1A8A:04	SubIndex 004	4. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6043:04, 32
1A8A:05	SubIndex 005	5. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6043:05, 32
1A8A:06	SubIndex 006	6. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6043:06, 32
1A8A:07	SubIndex 007	7. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6043:07, 32
1A8A:08	SubIndex 008	8. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6043:08, 32

Index 1A8B AI Gyro Y TxPDO-Map Samples 8

Index (hex)	Name	Meaning	Data type	Flags	Default
1A8B:0	AI Gyro Y TxPDO-Map Samples 8	PDO Mapping TxPDO 140	UINT8	RO	0x08 (8_{dec})
1A8B:01	SubIndex 001	1. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6041:01, 32
1A8B:02	SubIndex 002	2. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6041:02, 32
1A8B:03	SubIndex 003	3. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6041:03, 32
1A8B:04	SubIndex 004	4. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6041:04, 32
1A8B:05	SubIndex 005	5. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6041:05, 32
1A8B:06	SubIndex 006	6. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6041:06, 32
1A8B:07	SubIndex 007	7. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6041:07, 32
1A8B:08	SubIndex 008	8. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6041:08, 32

Index 1A8C AI Gyro Y TxPDO-Map Samples 10 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A8C:0	AI Gyro Y TxPDO-Map Samples 10 (Real32)	PDO Mapping TxPDO 141	UINT8	RO	0x0A (10_{dec})
1A8C:01	SubIndex 001	1. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6043:01, 32
1A8C:02	SubIndex 002	2. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6043:02, 32
1A8C:03	SubIndex 003	3. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6043:03, 32
1A8C:04	SubIndex 004	4. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6043:04, 32
1A8C:05	SubIndex 005	5. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6043:05, 32
1A8C:06	SubIndex 006	6. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6043:06, 32
1A8C:07	SubIndex 007	7. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6043:07, 32
1A8C:08	SubIndex 008	8. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6043:08, 32
1A8C:09	SubIndex 009	9. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6043:09, 32
1A8C:0A	SubIndex 010	10. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6043:0A, 32

Index 1A8D AI Gyro Y TxPDO-Map Samples 10

Index (hex)	Name	Meaning	Data type	Flags	Default
1A8D:0	AI Gyro Y TxPDO-Map Samples 10	PDO Mapping TxPDO 142	UINT8	RO	0x0A (10_{dec})
1A8D:01	SubIndex 001	1. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6041:01, 32
1A8D:02	SubIndex 002	2. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6041:02, 32
1A8D:03	SubIndex 003	3. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6041:03, 32
1A8D:04	SubIndex 004	4. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6041:04, 32
1A8D:05	SubIndex 005	5. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6041:05, 32
1A8D:06	SubIndex 006	6. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6041:06, 32
1A8D:07	SubIndex 007	7. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6041:07, 32
1A8D:08	SubIndex 008	8. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6041:08, 32
1A8D:09	SubIndex 009	9. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6041:09, 32
1A8D:0A	SubIndex 010	10. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6041:0A, 32

Index 1A8E AI Gyro Y TxPDO-Map Samples 16 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A8E:0	AI Gyro Y TxPDO-Map Samples 16 (Real32)	PDO Mapping TxPDO 143	UINT8	RO	0x10 (16_{dec})
1A8E:01	SubIndex 001	1. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6043:01, 32
1A8E:02	SubIndex 002	2. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6043:02, 32
1A8E:03	SubIndex 003	3. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6043:03, 32
1A8E:04	SubIndex 004	4. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6043:04, 32
1A8E:05	SubIndex 005	5. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6043:05, 32
1A8E:06	SubIndex 006	6. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6043:06, 32
1A8E:07	SubIndex 007	7. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6043:07, 32
1A8E:08	SubIndex 008	8. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6043:08, 32
1A8E:09	SubIndex 009	9. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6043:09, 32
1A8E:0A	SubIndex 010	10. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6043:0A, 32
1A8E:0B	SubIndex 011	11. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6043:0B, 32
1A8E:0C	SubIndex 012	12. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6043:0C, 32
1A8E:0D	SubIndex 013	13. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6043:0D, 32
1A8E:0E	SubIndex 014	14. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6043:0E, 32
1A8E:0F	SubIndex 015	15. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6043:0F, 32
1A8E:10	SubIndex 016	16. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6043:10, 32

Index 1A8F AI Gyro Y TxPDO-Map Samples 16

Index (hex)	Name	Meaning	Data type	Flags	Default
1A8F:0	AI Gyro Y TxPDO-Map Samples 16	PDO Mapping TxPDO 144	UINT8	RO	0x10 (16_{dec})
1A8F:01	SubIndex 001	1. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6041:01, 32
1A8F:02	SubIndex 002	2. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6041:02, 32
1A8F:03	SubIndex 003	3. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6041:03, 32
1A8F:04	SubIndex 004	4. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6041:04, 32
1A8F:05	SubIndex 005	5. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6041:05, 32
1A8F:06	SubIndex 006	6. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6041:06, 32
1A8F:07	SubIndex 007	7. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6041:07, 32
1A8F:08	SubIndex 008	8. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6041:08, 32
1A8F:09	SubIndex 009	9. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6041:09, 32
1A8F:0A	SubIndex 010	10. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6041:0A, 32
1A8F:0B	SubIndex 011	11. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6041:0B, 32
1A8F:0C	SubIndex 012	12. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6041:0C, 32
1A8F:0D	SubIndex 013	13. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6041:0D, 32
1A8F:0E	SubIndex 014	14. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6041:0E, 32
1A8F:0F	SubIndex 015	15. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6041:0F, 32
1A8F:10	SubIndex 016	16. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6041:10, 32

Index 1A90 AI Gyro Y TxPDO-Map Samples 20 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A90:0	AI Gyro Y TxPDO-Map Samples 20 (Real32)	PDO Mapping TxPDO 145	UINT8	RO	0x14 (20_{dec})
1A90:01	SubIndex 001	1. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6043:01, 32
1A90:02	SubIndex 002	2. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6043:02, 32
1A90:03	SubIndex 003	3. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6043:03, 32
1A90:04	SubIndex 004	4. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6043:04, 32
1A90:05	SubIndex 005	5. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6043:05, 32
1A90:06	SubIndex 006	6. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6043:06, 32
1A90:07	SubIndex 007	7. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6043:07, 32
1A90:08	SubIndex 008	8. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6043:08, 32
1A90:09	SubIndex 009	9. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6043:09, 32
1A90:0A	SubIndex 010	10. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6043:0A, 32
1A90:0B	SubIndex 011	11. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6043:0B, 32
1A90:0C	SubIndex 012	12. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6043:0C, 32
1A90:0D	SubIndex 013	13. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6043:0D, 32
1A90:0E	SubIndex 014	14. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6043:0E, 32
1A90:0F	SubIndex 015	15. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6043:0F, 32
1A90:10	SubIndex 016	16. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6043:10, 32
1A90:11	SubIndex 017	17. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6043:11, 32
1A90:12	SubIndex 018	18. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6043:12, 32
1A90:13	SubIndex 019	19. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6043:13, 32
1A90:14	SubIndex 020	20. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6043:14, 32

Index 1A91 AI Gyro Y TxPDO-Map Samples 20

Index (hex)	Name	Meaning	Data type	Flags	Default
1A91:0	AI Gyro Y TxPDO-Map Samples 20	PDO Mapping TxPDO 146	UINT8	RO	0x14 (20_{dec})
1A91:01	SubIndex 001	1. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6041:01, 32
1A91:02	SubIndex 002	2. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6041:02, 32
1A91:03	SubIndex 003	3. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6041:03, 32
1A91:04	SubIndex 004	4. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6041:04, 32
1A91:05	SubIndex 005	5. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6041:05, 32
1A91:06	SubIndex 006	6. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6041:06, 32
1A91:07	SubIndex 007	7. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6041:07, 32
1A91:08	SubIndex 008	8. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6041:08, 32
1A91:09	SubIndex 009	9. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6041:09, 32
1A91:0A	SubIndex 010	10. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6041:0A, 32
1A91:0B	SubIndex 011	11. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6041:0B, 32
1A91:0C	SubIndex 012	12. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6041:0C, 32
1A91:0D	SubIndex 013	13. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6041:0D, 32
1A91:0E	SubIndex 014	14. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6041:0E, 32
1A91:0F	SubIndex 015	15. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6041:0F, 32
1A91:10	SubIndex 016	16. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6041:10, 32
1A91:11	SubIndex 017	17. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x11 (Sample))	UINT32	RO	0x6041:11, 32
1A91:12	SubIndex 018	18. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x12 (Sample))	UINT32	RO	0x6041:12, 32
1A91:13	SubIndex 019	19. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x13 (Sample))	UINT32	RO	0x6041:13, 32
1A91:14	SubIndex 020	20. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x14 (Sample))	UINT32	RO	0x6041:14, 32

Index 1A92 AI Gyro Y TxPDO-Map Samples 40 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1A92:0	AI Gyro Y TxPDO-Map Samples 40 (Real32)	PDO Mapping TxPDO 147	UINT8	RO	0x28 (40_{dec})
1A92:01	SubIndex 001	1. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6043:01, 32
1A92:02	SubIndex 002	2. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6043:02, 32
1A92:03	SubIndex 003	3. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6043:03, 32
1A92:04	SubIndex 004	4. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6043:04, 32
1A92:05	SubIndex 005	5. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6043:05, 32
1A92:06	SubIndex 006	6. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6043:06, 32
1A92:07	SubIndex 007	7. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6043:07, 32
1A92:08	SubIndex 008	8. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6043:08, 32
1A92:09	SubIndex 009	9. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6043:09, 32
1A92:0A	SubIndex 010	10. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6043:0A, 32
1A92:0B	SubIndex 011	11. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6043:0B, 32
1A92:0C	SubIndex 012	12. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6043:0C, 32
1A92:0D	SubIndex 013	13. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6043:0D, 32
1A92:0E	SubIndex 014	14. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6043:0E, 32
1A92:0F	SubIndex 015	15. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6043:0F, 32
1A92:10	SubIndex 016	16. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6043:10, 32
1A92:11	SubIndex 017	17. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6043:11, 32
1A92:12	SubIndex 018	18. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6043:12, 32
1A92:13	SubIndex 019	19. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6043:13, 32
1A92:14	SubIndex 020	20. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6043:14, 32
1A92:15	SubIndex 021	21. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x15 (Sample))	UINT32	RO	0x6043:15, 32
1A92:16	SubIndex 022	22. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x16 (Sample))	UINT32	RO	0x6043:16, 32
1A92:17	SubIndex 023	23. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x17 (Sample))	UINT32	RO	0x6043:17, 32
1A92:18	SubIndex 024	24. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x18 (Sample))	UINT32	RO	0x6043:18, 32
1A92:19	SubIndex 025	25. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x19 (Sample))	UINT32	RO	0x6043:19, 32
1A92:1A	SubIndex 026	26. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x1A (Sample))	UINT32	RO	0x6043:1A, 32
1A92:1B	SubIndex 027	27. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x1B (Sample))	UINT32	RO	0x6043:1B, 32
1A92:1C	SubIndex 028	28. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x1C (Sample))	UINT32	RO	0x6043:1C, 32
1A92:1D	SubIndex 029	29. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x1D (Sample))	UINT32	RO	0x6043:1D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A92:1E	SubIndex 030	30. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x1E (Sample))	UINT32	RO	0x6043:1E, 32
1A92:1F	SubIndex 031	31. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x1F (Sample))	UINT32	RO	0x6043:1F, 32
1A92:20	SubIndex 032	32. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x20 (Sample))	UINT32	RO	0x6043:20, 32
1A92:21	SubIndex 033	33. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x21 (Sample))	UINT32	RO	0x6043:21, 32
1A92:22	SubIndex 034	34. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x22 (Sample))	UINT32	RO	0x6043:22, 32
1A92:23	SubIndex 035	35. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x23 (Sample))	UINT32	RO	0x6043:23, 32
1A92:24	SubIndex 036	36. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x24 (Sample))	UINT32	RO	0x6043:24, 32
1A92:25	SubIndex 037	37. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x25 (Sample))	UINT32	RO	0x6043:25, 32
1A92:26	SubIndex 038	38. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x26 (Sample))	UINT32	RO	0x6043:26, 32
1A92:27	SubIndex 039	39. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x27 (Sample))	UINT32	RO	0x6043:27, 32
1A92:28	SubIndex 040	40. PDO Mapping entry (object 0x6043 (AI Gyro Samples (Real32)), entry 0x28 (Sample))	UINT32	RO	0x6043:28, 32

Index 1A93 AI Gyro Y TxPDO-Map Samples 40

Index (hex)	Name	Meaning	Data type	Flags	Default
1A93:0	AI Gyro Y TxPDO-Map Samples 40	PDO Mapping TxPDO 148	UINT8	RO	0x28 (40_{dec})
1A93:01	SubIndex 001	1. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6041:01, 32
1A93:02	SubIndex 002	2. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6041:02, 32
1A93:03	SubIndex 003	3. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6041:03, 32
1A93:04	SubIndex 004	4. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6041:04, 32
1A93:05	SubIndex 005	5. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6041:05, 32
1A93:06	SubIndex 006	6. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6041:06, 32
1A93:07	SubIndex 007	7. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6041:07, 32
1A93:08	SubIndex 008	8. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6041:08, 32
1A93:09	SubIndex 009	9. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6041:09, 32
1A93:0A	SubIndex 010	10. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6041:0A, 32
1A93:0B	SubIndex 011	11. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6041:0B, 32
1A93:0C	SubIndex 012	12. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6041:0C, 32
1A93:0D	SubIndex 013	13. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6041:0D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1A93:0E	SubIndex 014	14. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6041:0E, 32
1A93:0F	SubIndex 015	15. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6041:0F, 32
1A93:10	SubIndex 016	16. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6041:10, 32
1A93:11	SubIndex 017	17. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x11 (Sample))	UINT32	RO	0x6041:11, 32
1A93:12	SubIndex 018	18. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x12 (Sample))	UINT32	RO	0x6041:12, 32
1A93:13	SubIndex 019	19. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x13 (Sample))	UINT32	RO	0x6041:13, 32
1A93:14	SubIndex 020	20. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x14 (Sample))	UINT32	RO	0x6041:14, 32
1A93:15	SubIndex 021	21. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x15 (Sample))	UINT32	RO	0x6041:15, 32
1A93:16	SubIndex 022	22. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x16 (Sample))	UINT32	RO	0x6041:16, 32
1A93:17	SubIndex 023	23. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x17 (Sample))	UINT32	RO	0x6041:17, 32
1A93:18	SubIndex 024	24. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x18 (Sample))	UINT32	RO	0x6041:18, 32
1A93:19	SubIndex 025	25. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x19 (Sample))	UINT32	RO	0x6041:19, 32
1A93:1A	SubIndex 026	26. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x1A (Sample))	UINT32	RO	0x6041:1A, 32
1A93:1B	SubIndex 027	27. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x1B (Sample))	UINT32	RO	0x6041:1B, 32
1A93:1C	SubIndex 028	28. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x1C (Sample))	UINT32	RO	0x6041:1C, 32
1A93:1D	SubIndex 029	29. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x1D (Sample))	UINT32	RO	0x6041:1D, 32
1A93:1E	SubIndex 030	30. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x1E (Sample))	UINT32	RO	0x6041:1E, 32
1A93:1F	SubIndex 031	31. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x1F (Sample))	UINT32	RO	0x6041:1F, 32
1A93:20	SubIndex 032	32. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x20 (Sample))	UINT32	RO	0x6041:20, 32
1A93:21	SubIndex 033	33. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x21 (Sample))	UINT32	RO	0x6041:21, 32
1A93:22	SubIndex 034	34. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x22 (Sample))	UINT32	RO	0x6041:22, 32
1A93:23	SubIndex 035	35. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x23 (Sample))	UINT32	RO	0x6041:23, 32
1A93:24	SubIndex 036	36. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x24 (Sample))	UINT32	RO	0x6041:24, 32
1A93:25	SubIndex 037	37. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x25 (Sample))	UINT32	RO	0x6041:25, 32
1A93:26	SubIndex 038	38. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x26 (Sample))	UINT32	RO	0x6041:26, 32
1A93:27	SubIndex 039	39. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x27 (Sample))	UINT32	RO	0x6041:27, 32
1A93:28	SubIndex 040	40. PDO Mapping entry (object 0x6041 (AI Gyro Samples), entry 0x28 (Sample))	UINT32	RO	0x6041:28, 32

Index 1AA0 AI Gyro Z TxPDO-Map Status

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA0:0	AI Gyro Z TxPDO-Map Status	PDO Mapping TxPDO 161	UINT8	RO	0x08 (8_{dec})
1AA0:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1AA0:02	SubIndex 002	2. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6050:09, 2
1AA0:03	SubIndex 003	3. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6050:0B, 1
1AA0:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1AA0:05	SubIndex 005	5. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6050:0E, 1
1AA0:06	SubIndex 006	6. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6050:0F, 1
1AA0:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6050:10, 1
1AA0:08	SubIndex 008	8. PDO Mapping entry (16 bits align)	UINT32	RO	0x0000:00, 16

Index 1AA1 AI Gyro Z TxPDO-Map Input Cycle Counter

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA1:0	AI Gyro Z TxPDO-Map Input Cycle Counter	PDO Mapping TxPDO 162	UINT8	RO	0x01 (1_{dec})
1AA1:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x6050:14, 16

Index 1AA2 AI Gyro Z TxPDO-Map Inputs Legacy Real

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA2:0	AI Gyro Z TxPDO-Map Inputs Legacy Real	PDO Mapping TxPDO 163	UINT8	RO	0x09 (9_{dec})
1AA2:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1AA2:02	SubIndex 002	2. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6050:09, 2
1AA2:03	SubIndex 003	3. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6050:0B, 1
1AA2:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1AA2:05	SubIndex 005	5. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6050:0E, 1
1AA2:06	SubIndex 006	6. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6050:0F, 1
1AA2:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6050:10, 1
1AA2:08	SubIndex 008	8. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x0000:00, 16
1AA2:09	SubIndex 009	9. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x6050:13, 32

Index 1AA3 AI Gyro Z TxPDO-Map Inputs Legacy Int

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA3:0	AI Gyro Z TxPDO-Map Inputs Legacy Int	PDO Mapping TxPDO 164	UINT8	RO	0x09 (9_{dec})
1AA3:01	SubIndex 001	1. PDO Mapping entry (8 bits align)	UINT32	RO	0x0000:00, 8
1AA3:02	SubIndex 002	2. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x09 (Self test status))	UINT32	RO	0x6050:09, 2
1AA3:03	SubIndex 003	3. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0B (Slope detected))	UINT32	RO	0x6050:0B, 1
1AA3:04	SubIndex 004	4. PDO Mapping entry (3 bits align)	UINT32	RO	0x0000:00, 2
1AA3:05	SubIndex 005	5. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6050:0E, 1
1AA3:06	SubIndex 006	6. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6050:0F, 1
1AA3:07	SubIndex 007	7. PDO Mapping entry (16 bits align)	UINT32	RO	0x6050:10, 1
1AA3:08	SubIndex 008	8. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x12 (Value))	UINT32	RO	0x0000:00, 16
1AA3:09	SubIndex 009	9. PDO Mapping entry (object 0x6050 (AI Gyro Inputs), entry 0x12 (Value))	UINT32	RO	0x6050:12, 32

Index 1AA4 AI Gyro Z TxPDO-Map Samples 1 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA4:0	AI Gyro Z TxPDO-Map Samples 1 (Real32)	PDO Mapping TxPDO 165	UINT8	RO	0x01 (1_{dec})
1AA4:01	SubIndex 001	1. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6053:01, 32

Index 1AA5 AI Gyro Z TxPDO-Map Samples 1

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA5:0	AI Gyro Z TxPDO-Map Samples 1	PDO Mapping TxPDO 166	UINT8	RO	0x01 (1_{dec})
1AA5:01	SubIndex 001	1. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6051:01, 32

Index 1AA6 AI Gyro Z TxPDO-Map Samples 2 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA6:0	AI Gyro Z TxPDO-Map Samples 2 (Real32)	PDO Mapping TxPDO 167	UINT8	RO	0x02 (2_{dec})
1AA6:01	SubIndex 001	1. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6053:01, 32
1AA6:02	SubIndex 002	2. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6053:02, 32

Index 1AA7 AI Gyro Z TxPDO-Map Samples 2

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA7:0	AI Gyro Z TxPDO-Map Samples 2	PDO Mapping TxPDO 168	UINT8	RO	0x02 (2_{dec})
1AA7:01	SubIndex 001	1. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6051:01, 32
1AA7:02	SubIndex 002	2. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6051:02, 32

Index 1AA8 AI Gyro Z TxPDO-Map Samples 4 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA8:0	AI Gyro Z TxPDO-Map Samples 4 (Real32)	PDO Mapping TxPDO 169	UINT8	RO	0x04 (4_{dec})
1AA8:01	SubIndex 001	1. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6053:01, 32
1AA8:02	SubIndex 002	2. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6053:02, 32
1AA8:03	SubIndex 003	3. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6053:03, 32
1AA8:04	SubIndex 004	4. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6053:04, 32

Index 1AA9 AI Gyro Z TxPDO-Map Samples 4

Index (hex)	Name	Meaning	Data type	Flags	Default
1AA9:0	AI Gyro Z TxPDO-Map Samples 4	PDO Mapping TxPDO 170	UINT8	RO	0x04 (4_{dec})
1AA9:01	SubIndex 001	1. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6051:01, 32
1AA9:02	SubIndex 002	2. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6051:02, 32
1AA9:03	SubIndex 003	3. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6051:03, 32
1AA9:04	SubIndex 004	4. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6051:04, 32

Index 1AAA AI Gyro Z TxPDO-Map Samples 8 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1AAA:0	AI Gyro Z TxPDO-Map Samples 8 (Real32)	PDO Mapping TxPDO 171	UINT8	RO	0x08 (8_{dec})
1AAA:01	SubIndex 001	1. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6053:01, 32
1AAA:02	SubIndex 002	2. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6053:02, 32
1AAA:03	SubIndex 003	3. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6053:03, 32
1AAA:04	SubIndex 004	4. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6053:04, 32
1AAA:05	SubIndex 005	5. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6053:05, 32
1AAA:06	SubIndex 006	6. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6053:06, 32
1AAA:07	SubIndex 007	7. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6053:07, 32
1AAA:08	SubIndex 008	8. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6053:08, 32

Index 1AAB AI Gyro Z TxPDO-Map Samples 8

Index (hex)	Name	Meaning	Data type	Flags	Default
1AAB:0	AI Gyro Z TxPDO-Map Samples 8	PDO Mapping TxPDO 172	UINT8	RO	0x08 (8_{dec})
1AAB:01	SubIndex 001	1. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6051:01, 32
1AAB:02	SubIndex 002	2. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6051:02, 32
1AAB:03	SubIndex 003	3. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6051:03, 32
1AAB:04	SubIndex 004	4. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6051:04, 32
1AAB:05	SubIndex 005	5. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6051:05, 32
1AAB:06	SubIndex 006	6. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6051:06, 32
1AAB:07	SubIndex 007	7. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6051:07, 32
1AAB:08	SubIndex 008	8. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6051:08, 32

Index 1AAC AI Gyro Z TxPDO-Map Samples 10 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1AAC:0	AI Gyro Z TxPDO-Map Samples 10 (Real32)	PDO Mapping TxPDO 173	UINT8	RO	0x0A (10_{dec})
1AAC:01	SubIndex 001	1. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6053:01, 32
1AAC:02	SubIndex 002	2. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6053:02, 32
1AAC:03	SubIndex 003	3. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6053:03, 32
1AAC:04	SubIndex 004	4. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6053:04, 32
1AAC:05	SubIndex 005	5. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6053:05, 32
1AAC:06	SubIndex 006	6. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6053:06, 32
1AAC:07	SubIndex 007	7. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6053:07, 32
1AAC:08	SubIndex 008	8. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6053:08, 32
1AAC:09	SubIndex 009	9. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6053:09, 32
1AAC:0A	SubIndex 010	10. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6053:0A, 32

Index 1AAD AI Gyro Z TxPDO-Map Samples 10

Index (hex)	Name	Meaning	Data type	Flags	Default
1AAD:0	AI Gyro Z TxPDO-Map Samples 10	PDO Mapping TxPDO 174	UINT8	RO	0x0A (10_{dec})
1AAD:01	SubIndex 001	1. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6051:01, 32
1AAD:02	SubIndex 002	2. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6051:02, 32
1AAD:03	SubIndex 003	3. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6051:03, 32
1AAD:04	SubIndex 004	4. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6051:04, 32
1AAD:05	SubIndex 005	5. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6051:05, 32
1AAD:06	SubIndex 006	6. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6051:06, 32
1AAD:07	SubIndex 007	7. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6051:07, 32
1AAD:08	SubIndex 008	8. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6051:08, 32
1AAD:09	SubIndex 009	9. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6051:09, 32
1AAD:0A	SubIndex 010	10. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6051:0A, 32

Index 1AAE AI Gyro Z TxPDO-Map Samples 16 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1AAE:0	AI Gyro Z TxPDO-Map Samples 16 (Real32)	PDO Mapping TxPDO 175	UINT8	RO	0x10 (16_{dec})
1AAE:01	SubIndex 001	1. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6053:01, 32
1AAE:02	SubIndex 002	2. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6053:02, 32
1AAE:03	SubIndex 003	3. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6053:03, 32
1AAE:04	SubIndex 004	4. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6053:04, 32
1AAE:05	SubIndex 005	5. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6053:05, 32
1AAE:06	SubIndex 006	6. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6053:06, 32
1AAE:07	SubIndex 007	7. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6053:07, 32
1AAE:08	SubIndex 008	8. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6053:08, 32
1AAE:09	SubIndex 009	9. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6053:09, 32
1AAE:0A	SubIndex 010	10. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6053:0A, 32
1AAE:0B	SubIndex 011	11. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6053:0B, 32
1AAE:0C	SubIndex 012	12. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6053:0C, 32
1AAE:0D	SubIndex 013	13. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6053:0D, 32
1AAE:0E	SubIndex 014	14. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6053:0E, 32
1AAE:0F	SubIndex 015	15. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6053:0F, 32
1AAE:10	SubIndex 016	16. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6053:10, 32

Index 1AAF AI Gyro Z TxPDO-Map Samples 16

Index (hex)	Name	Meaning	Data type	Flags	Default
1AAF:0	AI Gyro Z TxPDO-Map Samples 16	PDO Mapping TxPDO 176	UINT8	RO	0x10 (16_{dec})
1AAF:01	SubIndex 001	1. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6051:01, 32
1AAF:02	SubIndex 002	2. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6051:02, 32
1AAF:03	SubIndex 003	3. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6051:03, 32
1AAF:04	SubIndex 004	4. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6051:04, 32
1AAF:05	SubIndex 005	5. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6051:05, 32
1AAF:06	SubIndex 006	6. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6051:06, 32
1AAF:07	SubIndex 007	7. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6051:07, 32
1AAF:08	SubIndex 008	8. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6051:08, 32
1AAF:09	SubIndex 009	9. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6051:09, 32
1AAF:0A	SubIndex 010	10. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6051:0A, 32
1AAF:0B	SubIndex 011	11. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6051:0B, 32
1AAF:0C	SubIndex 012	12. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6051:0C, 32
1AAF:0D	SubIndex 013	13. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6051:0D, 32
1AAF:0E	SubIndex 014	14. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6051:0E, 32
1AAF:0F	SubIndex 015	15. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6051:0F, 32
1AAF:10	SubIndex 016	16. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6051:10, 32

Index 1AB0 AI Gyro Z TxPDO-Map Samples 20 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1AB0:0	AI Gyro Z TxPDO-Map Samples 20 (Real32)	PDO Mapping TxPDO 177	UINT8	RO	0x14 (20_{dec})
1AB0:01	SubIndex 001	1. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6053:01, 32
1AB0:02	SubIndex 002	2. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6053:02, 32
1AB0:03	SubIndex 003	3. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6053:03, 32
1AB0:04	SubIndex 004	4. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6053:04, 32
1AB0:05	SubIndex 005	5. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6053:05, 32
1AB0:06	SubIndex 006	6. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6053:06, 32
1AB0:07	SubIndex 007	7. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6053:07, 32
1AB0:08	SubIndex 008	8. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6053:08, 32
1AB0:09	SubIndex 009	9. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6053:09, 32
1AB0:0A	SubIndex 010	10. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6053:0A, 32
1AB0:0B	SubIndex 011	11. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6053:0B, 32
1AB0:0C	SubIndex 012	12. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6053:0C, 32
1AB0:0D	SubIndex 013	13. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6053:0D, 32
1AB0:0E	SubIndex 014	14. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6053:0E, 32
1AB0:0F	SubIndex 015	15. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6053:0F, 32
1AB0:10	SubIndex 016	16. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6053:10, 32
1AB0:11	SubIndex 017	17. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6053:11, 32
1AB0:12	SubIndex 018	18. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6053:12, 32
1AB0:13	SubIndex 019	19. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6053:13, 32
1AB0:14	SubIndex 020	20. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6053:14, 32

Index 1AB1 AI Gyro Z TxPDO-Map Samples 20

Index (hex)	Name	Meaning	Data type	Flags	Default
1AB1:0	AI Gyro Z TxPDO-Map Samples 20	PDO Mapping TxPDO 178	UINT8	RO	0x14 (20_{dec})
1AB1:01	SubIndex 001	1. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6051:01, 32
1AB1:02	SubIndex 002	2. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6051:02, 32
1AB1:03	SubIndex 003	3. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6051:03, 32
1AB1:04	SubIndex 004	4. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6051:04, 32
1AB1:05	SubIndex 005	5. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6051:05, 32
1AB1:06	SubIndex 006	6. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6051:06, 32
1AB1:07	SubIndex 007	7. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6051:07, 32
1AB1:08	SubIndex 008	8. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6051:08, 32
1AB1:09	SubIndex 009	9. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6051:09, 32
1AB1:0A	SubIndex 010	10. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6051:0A, 32
1AB1:0B	SubIndex 011	11. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6051:0B, 32
1AB1:0C	SubIndex 012	12. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6051:0C, 32
1AB1:0D	SubIndex 013	13. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6051:0D, 32
1AB1:0E	SubIndex 014	14. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6051:0E, 32
1AB1:0F	SubIndex 015	15. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6051:0F, 32
1AB1:10	SubIndex 016	16. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6051:10, 32
1AB1:11	SubIndex 017	17. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x11 (Sample))	UINT32	RO	0x6051:11, 32
1AB1:12	SubIndex 018	18. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x12 (Sample))	UINT32	RO	0x6051:12, 32
1AB1:13	SubIndex 019	19. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x13 (Sample))	UINT32	RO	0x6051:13, 32
1AB1:14	SubIndex 020	20. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x14 (Sample))	UINT32	RO	0x6051:14, 32

Index 1AB2 AI Gyro Z TxPDO-Map Samples 40 (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
1AB2:0	AI Gyro Z TxPDO-Map Samples 40 (Real32)	PDO Mapping TxPDO 179	UINT8	RO	0x28 (40_{dec})
1AB2:01	SubIndex 001	1. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x01 (Sample))	UINT32	RO	0x6053:01, 32
1AB2:02	SubIndex 002	2. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x02 (Sample))	UINT32	RO	0x6053:02, 32
1AB2:03	SubIndex 003	3. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x03 (Sample))	UINT32	RO	0x6053:03, 32
1AB2:04	SubIndex 004	4. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x04 (Sample))	UINT32	RO	0x6053:04, 32
1AB2:05	SubIndex 005	5. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x05 (Sample))	UINT32	RO	0x6053:05, 32
1AB2:06	SubIndex 006	6. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x06 (Sample))	UINT32	RO	0x6053:06, 32
1AB2:07	SubIndex 007	7. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x07 (Sample))	UINT32	RO	0x6053:07, 32
1AB2:08	SubIndex 008	8. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x08 (Sample))	UINT32	RO	0x6053:08, 32
1AB2:09	SubIndex 009	9. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x09 (Sample))	UINT32	RO	0x6053:09, 32
1AB2:0A	SubIndex 010	10. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0A (Sample))	UINT32	RO	0x6053:0A, 32
1AB2:0B	SubIndex 011	11. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0B (Sample))	UINT32	RO	0x6053:0B, 32
1AB2:0C	SubIndex 012	12. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0C (Sample))	UINT32	RO	0x6053:0C, 32
1AB2:0D	SubIndex 013	13. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0D (Sample))	UINT32	RO	0x6053:0D, 32
1AB2:0E	SubIndex 014	14. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0E (Sample))	UINT32	RO	0x6053:0E, 32
1AB2:0F	SubIndex 015	15. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x0F (Sample))	UINT32	RO	0x6053:0F, 32
1AB2:10	SubIndex 016	16. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x10 (Sample))	UINT32	RO	0x6053:10, 32
1AB2:11	SubIndex 017	17. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x11 (Sample))	UINT32	RO	0x6053:11, 32
1AB2:12	SubIndex 018	18. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x12 (Sample))	UINT32	RO	0x6053:12, 32
1AB2:13	SubIndex 019	19. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x13 (Sample))	UINT32	RO	0x6053:13, 32
1AB2:14	SubIndex 020	20. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x14 (Sample))	UINT32	RO	0x6053:14, 32
1AB2:15	SubIndex 021	21. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x15 (Sample))	UINT32	RO	0x6053:15, 32
1AB2:16	SubIndex 022	22. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x16 (Sample))	UINT32	RO	0x6053:16, 32
1AB2:17	SubIndex 023	23. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x17 (Sample))	UINT32	RO	0x6053:17, 32
1AB2:18	SubIndex 024	24. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x18 (Sample))	UINT32	RO	0x6053:18, 32
1AB2:19	SubIndex 025	25. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x19 (Sample))	UINT32	RO	0x6053:19, 32
1AB2:1A	SubIndex 026	26. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1A (Sample))	UINT32	RO	0x6053:1A, 32
1AB2:1B	SubIndex 027	27. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1B (Sample))	UINT32	RO	0x6053:1B, 32
1AB2:1C	SubIndex 028	28. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1C (Sample))	UINT32	RO	0x6053:1C, 32
1AB2:1D	SubIndex 029	29. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1D (Sample))	UINT32	RO	0x6053:1D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1AB2:1E	SubIndex 030	30. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1E (Sample))	UINT32	RO	0x6053:1E, 32
1AB2:1F	SubIndex 031	31. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x1F (Sample))	UINT32	RO	0x6053:1F, 32
1AB2:20	SubIndex 032	32. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x20 (Sample))	UINT32	RO	0x6053:20, 32
1AB2:21	SubIndex 033	33. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x21 (Sample))	UINT32	RO	0x6053:21, 32
1AB2:22	SubIndex 034	34. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x22 (Sample))	UINT32	RO	0x6053:22, 32
1AB2:23	SubIndex 035	35. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x23 (Sample))	UINT32	RO	0x6053:23, 32
1AB2:24	SubIndex 036	36. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x24 (Sample))	UINT32	RO	0x6053:24, 32
1AB2:25	SubIndex 037	37. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x25 (Sample))	UINT32	RO	0x6053:25, 32
1AB2:26	SubIndex 038	38. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x26 (Sample))	UINT32	RO	0x6053:26, 32
1AB2:27	SubIndex 039	39. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x27 (Sample))	UINT32	RO	0x6053:27, 32
1AB2:28	SubIndex 040	40. PDO Mapping entry (object 0x6053 (AI Gyro Samples (Real32)), entry 0x28 (Sample))	UINT32	RO	0x6053:28, 32

Index 1AB3 AI Gyro Z TxPDO-Map Samples 40

Index (hex)	Name	Meaning	Data type	Flags	Default
1AB3:0	AI Gyro Z TxPDO-Map Samples 40	PDO Mapping TxPDO 180	UINT8	RO	0x28 (40_{dec})
1AB3:01	SubIndex 001	1. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x01 (Sample))	UINT32	RO	0x6051:01, 32
1AB3:02	SubIndex 002	2. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x02 (Sample))	UINT32	RO	0x6051:02, 32
1AB3:03	SubIndex 003	3. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x03 (Sample))	UINT32	RO	0x6051:03, 32
1AB3:04	SubIndex 004	4. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x04 (Sample))	UINT32	RO	0x6051:04, 32
1AB3:05	SubIndex 005	5. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x05 (Sample))	UINT32	RO	0x6051:05, 32
1AB3:06	SubIndex 006	6. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x06 (Sample))	UINT32	RO	0x6051:06, 32
1AB3:07	SubIndex 007	7. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x07 (Sample))	UINT32	RO	0x6051:07, 32
1AB3:08	SubIndex 008	8. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x08 (Sample))	UINT32	RO	0x6051:08, 32
1AB3:09	SubIndex 009	9. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x09 (Sample))	UINT32	RO	0x6051:09, 32
1AB3:0A	SubIndex 010	10. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0A (Sample))	UINT32	RO	0x6051:0A, 32
1AB3:0B	SubIndex 011	11. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0B (Sample))	UINT32	RO	0x6051:0B, 32
1AB3:0C	SubIndex 012	12. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0C (Sample))	UINT32	RO	0x6051:0C, 32
1AB3:0D	SubIndex 013	13. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0D (Sample))	UINT32	RO	0x6051:0D, 32

Index (hex)	Name	Meaning	Data type	Flags	Default
1AB3:0E	SubIndex 014	14. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0E (Sample))	UINT32	RO	0x6051:0E, 32
1AB3:0F	SubIndex 015	15. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x0F (Sample))	UINT32	RO	0x6051:0F, 32
1AB3:10	SubIndex 016	16. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x10 (Sample))	UINT32	RO	0x6051:10, 32
1AB3:11	SubIndex 017	17. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x11 (Sample))	UINT32	RO	0x6051:11, 32
1AB3:12	SubIndex 018	18. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x12 (Sample))	UINT32	RO	0x6051:12, 32
1AB3:13	SubIndex 019	19. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x13 (Sample))	UINT32	RO	0x6051:13, 32
1AB3:14	SubIndex 020	20. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x14 (Sample))	UINT32	RO	0x6051:14, 32
1AB3:15	SubIndex 021	21. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x15 (Sample))	UINT32	RO	0x6051:15, 32
1AB3:16	SubIndex 022	22. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x16 (Sample))	UINT32	RO	0x6051:16, 32
1AB3:17	SubIndex 023	23. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x17 (Sample))	UINT32	RO	0x6051:17, 32
1AB3:18	SubIndex 024	24. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x18 (Sample))	UINT32	RO	0x6051:18, 32
1AB3:19	SubIndex 025	25. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x19 (Sample))	UINT32	RO	0x6051:19, 32
1AB3:1A	SubIndex 026	26. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1A (Sample))	UINT32	RO	0x6051:1A, 32
1AB3:1B	SubIndex 027	27. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1B (Sample))	UINT32	RO	0x6051:1B, 32
1AB3:1C	SubIndex 028	28. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1C (Sample))	UINT32	RO	0x6051:1C, 32
1AB3:1D	SubIndex 029	29. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1D (Sample))	UINT32	RO	0x6051:1D, 32
1AB3:1E	SubIndex 030	30. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1E (Sample))	UINT32	RO	0x6051:1E, 32
1AB3:1F	SubIndex 031	31. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x1F (Sample))	UINT32	RO	0x6051:1F, 32
1AB3:20	SubIndex 032	32. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x20 (Sample))	UINT32	RO	0x6051:20, 32
1AB3:21	SubIndex 033	33. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x21 (Sample))	UINT32	RO	0x6051:21, 32
1AB3:22	SubIndex 034	34. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x22 (Sample))	UINT32	RO	0x6051:22, 32
1AB3:23	SubIndex 035	35. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x23 (Sample))	UINT32	RO	0x6051:23, 32
1AB3:24	SubIndex 036	36. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x24 (Sample))	UINT32	RO	0x6051:24, 32
1AB3:25	SubIndex 037	37. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x25 (Sample))	UINT32	RO	0x6051:25, 32
1AB3:26	SubIndex 038	38. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x26 (Sample))	UINT32	RO	0x6051:26, 32
1AB3:27	SubIndex 039	39. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x27 (Sample))	UINT32	RO	0x6051:27, 32
1AB3:28	SubIndex 040	40. PDO Mapping entry (object 0x6051 (AI Gyro Samples), entry 0x28 (Sample))	UINT32	RO	0x6051:28, 32

Index 1AC0 AI Sensor Temperature TxPDO-Map (Real)

Index (hex)	Name	Meaning	Data type	Flags	Default
1AC0:0	AI Sensor Temperature TxPDO-Map (Real)	PDO Mapping TxPDO 193	UINT8	RO	0x06 (6_{dec})
1AC0:01	SubIndex 001	1. PDO Mapping entry (14 bits align)	UINT32	RO	0x0000:00, 13
1AC0:02	SubIndex 002	2. PDO Mapping entry (object 0x6060 (AI Temp Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6060:0E, 1
1AC0:03	SubIndex 003	3. PDO Mapping entry (object 0x6060 (AI Temp Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6060:0F, 1
1AC0:04	SubIndex 004	4. PDO Mapping entry (16 bits align)	UINT32	RO	0x6060:10, 1
1AC0:05	SubIndex 005	5. PDO Mapping entry (object 0x6060 (AI Temp Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x0000:00, 16
1AC0:06	SubIndex 006	6. PDO Mapping entry (object 0x6060 (AI Temp Inputs), entry 0x13 (Value (Real32)))	UINT32	RO	0x6060:13, 32

Index 1AC1 AI Sensor Temperature TxPDO-Map Int

Index (hex)	Name	Meaning	Data type	Flags	Default
1AC1:0	AI Sensor Temperature TxPDO-Map Int	PDO Mapping TxPDO 194	UINT8	RO	0x06 (6_{dec})
1AC1:01	SubIndex 001	1. PDO Mapping entry (14 bits align)	UINT32	RO	0x0000:00, 13
1AC1:02	SubIndex 002	2. PDO Mapping entry (object 0x6060 (AI Temp Inputs), entry 0x0F (TxPDO State))	UINT32	RO	0x6060:0E, 1
1AC1:03	SubIndex 003	3. PDO Mapping entry (object 0x6060 (AI Temp Inputs), entry 0x10 (TxPDO Toggle))	UINT32	RO	0x6060:0F, 1
1AC1:04	SubIndex 004	4. PDO Mapping entry (16 bits align)	UINT32	RO	0x6060:10, 1
1AC1:05	SubIndex 005	5. PDO Mapping entry (object 0x6060 (AI Temp Inputs), entry 0x12 (Value))	UINT32	RO	0x0000:00, 16
1AC1:06	SubIndex 006	6. PDO Mapping entry (object 0x6060 (AI Temp Inputs), entry 0x12 (Value))	UINT32	RO	0x6060:12, 32

Index 1C00 Sync manager type

Index (hex)	Name	Meaning	Data type	Flags	Default
1C00:0	Sync manager type	Using the Sync Managers	UINT8	RO	0x04 (4_{dec})
1C00:01	SubIndex 001	Sync-Manager Type Channel 1: Mailbox Write	UINT8	RO	0x01 (1_{dec})
1C00:02	SubIndex 002	Sync-Manager Type Channel 2: Mailbox Read	UINT8	RO	0x02 (2_{dec})
1C00:03	SubIndex 003	Sync-Manager Type Channel 3: Process Data Write (Outputs)	UINT8	RO	0x03 (3_{dec})
1C00:04	SubIndex 004	Sync-Manager Type Channel 4: Process Data Read (Inputs)	UINT8	RO	0x04 (4_{dec})

Index 1C12 RxPDO assign

Index (hex)	Name	Meaning	Data type	Flags	Default
1C12:0	RxPDO assign	PDO Assign Outputs	UINT8	RW	0x01 (1_{dec})
1C12:01	Subindex 001	1. allocated RxPDO (contains the index of the associated RxPDO mapping object)	UINT16	RW	0x1660 (5728_{dec})
1C12:02	Subindex 002	2. allocated RxPDO (contains the index of the associated RxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})

Index 1C13 TxPDO assign

Index (hex)	Name	Meaning	Data type	Flags	Default
1C13:0	TxPDO assign	PDO Assign Inputs	UINT8	RW	0x0C (12_{dec})
1C13:01	Subindex 001	1. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A00 (6656_{dec})
1C13:02	Subindex 002	2. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A04 (6660_{dec})
1C13:03	Subindex 003	3. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A20 (6688_{dec})
1C13:04	Subindex 004	4. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A24 (6692_{dec})
1C13:05	Subindex 005	5. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A40 (6720_{dec})
1C13:06	Subindex 006	6. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A44 (6724_{dec})
1C13:07	Subindex 007	7. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A60 (6752_{dec})
1C13:08	Subindex 008	8. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A64 (6756_{dec})
1C13:09	Subindex 009	9. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A80 (6784_{dec})
1C13:0A	Subindex 010	10. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1A84 (6788_{dec})
1C13:0B	Subindex 011	11. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1AA0 (6816_{dec})
1C13:0C	Subindex 012	12. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x1AA4 (6820_{dec})
1C13:0D	Subindex 013	13. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:0E	Subindex 014	14. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:0F	Subindex 015	15. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:10	Subindex 016	16. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:11	Subindex 017	17. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:12	Subindex 018	18. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:13	Subindex 019	19. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:14	Subindex 020	20. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:15	Subindex 021	21. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:16	Subindex 022	22. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:17	Subindex 023	23. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:18	Subindex 024	24. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:19	Subindex 025	25. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:1A	Subindex 026	26. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:1B	Subindex 027	27. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:1C	Subindex 028	28. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:1D	Subindex 029	29. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})

Index (hex)	Name	Meaning	Data type	Flags	Default
1C13:1E	Subindex 030	30. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:1F	Subindex 031	31. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:20	Subindex 032	32. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:21	Subindex 033	33. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:22	Subindex 034	34. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:23	Subindex 035	35. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:24	Subindex 036	36. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:25	Subindex 037	37. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:26	Subindex 038	38. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:27	Subindex 039	39. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:28	Subindex 040	40. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:29	Subindex 041	41. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:2A	Subindex 042	42. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:2B	Subindex 043	43. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:2C	Subindex 044	44. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:2D	Subindex 045	45. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:2E	Subindex 046	46. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:2F	Subindex 047	47. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:30	Subindex 048	48. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:31	Subindex 049	49. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:32	Subindex 050	50. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:33	Subindex 051	51. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:34	Subindex 052	52. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:35	Subindex 053	53. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:36	Subindex 054	54. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:37	Subindex 055	55. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:38	Subindex 056	56. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:39	Subindex 057	57. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:3A	Subindex 058	58. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:3B	Subindex 059	59. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:3C	Subindex 060	60. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:3D	Subindex 061	61. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})

Index (hex)	Name	Meaning	Data type	Flags	Default
1C13:3E	Subindex 062	62. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:3F	Subindex 063	63. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:40	Subindex 064	64. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:41	Subindex 065	65. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:42	Subindex 066	66. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:43	Subindex 067	67. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:44	Subindex 068	68. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:45	Subindex 069	69. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:46	Subindex 070	70. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:47	Subindex 071	71. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:48	Subindex 072	72. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:49	Subindex 073	73. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:4A	Subindex 074	74. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:4B	Subindex 075	75. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:4C	Subindex 076	76. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:4D	Subindex 077	77. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:4E	Subindex 078	78. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:4F	Subindex 079	79. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:50	Subindex 080	80. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:51	Subindex 081	81. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:52	Subindex 082	82. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:53	Subindex 083	83. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:54	Subindex 084	84. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:55	Subindex 085	85. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:56	Subindex 086	86. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:57	Subindex 087	87. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:58	Subindex 088	88. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:59	Subindex 089	89. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:5A	Subindex 090	90. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:5B	Subindex 091	91. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:5C	Subindex 092	92. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:5D	Subindex 093	93. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})

Index (hex)	Name	Meaning	Data type	Flags	Default
1C13:5E	Subindex 094	94. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:5F	Subindex 095	95. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:60	Subindex 096	96. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:61	Subindex 097	97. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:62	Subindex 098	98. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:63	Subindex 099	99. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:64	Subindex 100	100. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:65	Subindex 101	101. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:66	Subindex 102	102. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:67	Subindex 103	103. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:68	Subindex 104	104. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:69	Subindex 105	105. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:6A	Subindex 106	106. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:6B	Subindex 107	107. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:6C	Subindex 108	108. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:6D	Subindex 109	109. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:6E	Subindex 110	110. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:6F	Subindex 111	111. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:70	Subindex 112	112. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:71	Subindex 113	113. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:72	Subindex 114	114. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:73	Subindex 115	115. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:74	Subindex 116	116. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:75	Subindex 117	117. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:76	Subindex 118	118. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:77	Subindex 119	119. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:78	Subindex 120	120. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:79	Subindex 121	121. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})
1C13:7A	Subindex 122	122. allocated TxPDO (contains the index of the associated TxPDO mapping object)	UINT16	RW	0x0000 (0_{dec})

Index 1C32 SM output parameter

Index (hex)	Name	Meaning	Data type	Flags	Default
1C32:0	SM output parameter	Synchronization parameters for the outputs	UINT8	RO	0x20 (32_{dec})
1C32:01	Sync mode	Current synchronization mode: • 0: Free Run • 1: Synchron with SM 2 Event • 2: DC-Mode - Synchron with SYNC0 Event • 3: DC-Mode - Synchron with SYNC1 Event	UINT16	RW	0x0001 (1_{dec})
1C32:02	Cycle time	Cycle time (in ns): • Free Run: cycle time of the local timer • Synchron with SM 2 Event: cycle time of the master • DC-Mode: SYNC0/SYNC1 Cycle Time •	UINT32	RW	0x000F4240 (1000000_{dec})
1C32:03	Shift time	Time between SYNC0 event and output of the outputs (in ns, DC mode only)	UINT32	RO	0x00000000 (0_{dec})
1C32:04	Sync modes supported	Sync modes supported: • Bit 0 = 1: Free Run is supported • Bit 1 = 1: Synchron with SM 2 Event is supported • Bit 2-3 = 01: DC-Mode is supported • Bit 4-5 = 10: Output Shift with SYNC1 Event (only DC mode) • Bit 14 = 1: dynamic times (measurement through writing of 1C32:08) •)	UINT16	RO	0x0813 (2067_{dec})
1C32:05	Minimum cycle time	Minimum cycle time (in ns)	UINT32	RO	0x0003D090 (250000_{dec})
1C32:06	Calc and copy time	Minimum time between SYNC0 and SYNC1 event (in ns, DC Mode only)	UINT32	RO	0x00000000 (0_{dec})
1C32:07	Minimum delay time		UINT32	RO	0x00000000 (0_{dec})
1C32:08	Get Cycle Time	• 0: Measurement of the local cycle time is stopped • 1: Measurement of the local cycle time is started • • •	UINT16	RW	0x0000 (0_{dec})
1C32:09	Maximum delay time	Time between SYNC1 event and output of the outputs (in ns, DC mode only)	UINT32	RO	0x00000000 (0_{dec})
1C32:0B	SM event missed counter	Number of missed SM events in OPERATIONAL (DC Mode only)	UINT16	RO	0x0000 (0_{dec})
1C32:0C	Cycle exceeded counter	Number of occasions the cycle time was exceeded in OPERATIONAL (cycle was not completed in time or the next cycle began too early)	UINT16	RO	0x0000 (0_{dec})
1C32:0D	Shift too short counter	Number of intervals between SYNC0 and SYNC1 events that are too short (DC Mode only)	UINT16	RO	0x0000 (0_{dec})
1C32:20	Sync error	The synchronization was not correct in the last cycle (outputs were output too late; DC Mode only)	BOOLEAN	RO	0x00 (0_{dec})

Index 1C33 SM input parameter

Index (hex)	Name	Meaning	Data type	Flags	Default
1C33:0	SM input parameter	Synchronization parameters for the inputs	UINT8	RO	0x20 (32_{dec})
1C33:01	Sync mode	Current synchronization mode: • 0: Free Run • 1: Synchron with SM 3 Event (no outputs available) • 2: DC - Synchron with SYNC0 Event • 3: DC - Synchron with SYNC1 Event • 34: Synchron with SM 2 Event (outputs available)	UINT16	RW	0x0022 (34_{dec})
1C33:02	Cycle time	as 1C32:02	UINT32	RW	0x000F4240 (1000000_{dec})
1C33:03	Shift time	Time between SYNC0 event and reading of the inputs (in ns, DC Mode only)	UINT32	RO	0x00000000 (0_{dec})
1C33:04	Sync modes supported	Sync modes supported: • Bit 0: Free Run is supported • Bit 1: Synchron with SM 2 Event is supported (outputs available) • Bit 1: Synchron with SM 3 Event is supported (no outputs available) • Bit 2-3 = 01: DC-Mode is supported • Bit 4-5 = 01: Input shift through local event (outputs available) • Bit 4-5 = 10: Input shift with SYNC1 event (no outputs available) • Bit 14 = 1: dynamic times (measurement through writing of 1C32:08 or 1C33:08) •)	UINT16	RO	0x0013 (19_{dec})
1C33:05	Minimum cycle time	as 1C32:05	UINT32	RO	0x0003D090 (250000_{dec})
1C33:06	Calc and copy time	Time between reading of the inputs and the inputs being available for the master (in ns, DC Mode only)	UINT32	RO	0x00000000 (0_{dec})
1C33:07	Minimum delay time		UINT32	RO	0x00000000 (0_{dec})
1C33:08	Get Cycle Time	as 1C32:08	UINT16	RW	0x0000 (0_{dec})
1C33:09	Maximum delay time	Time between SYNC1 event and reading of the inputs (in ns, DC Mode only)	UINT32	RO	0x00000000 (0_{dec})
1C33:0B	SM event missed counter	as 1C32:11	UINT16	RO	0x0000 (0_{dec})
1C33:0C	Cycle exceeded counter	as 1C32:12	UINT16	RO	0x0000 (0_{dec})
1C33:0D	Shift too short counter	as 1C32:13	UINT16	RO	0x0000 (0_{dec})
1C33:20	Sync error	as 1C32:32	BOOLEAN	RO	0x00 (0_{dec})

6.3 Profile-specific objects

Index 6000 AI Acc Inputs

Index (hex)	Name	Meaning	Data type	Flags	Default
6000:0	AI Acc Inputs		UINT8	RO	0x14 (20_{dec})
6000:09	Self test status		BIT2	RO	0x00 (0_{dec})
6000:0B	Slope detected		BOOLEAN	RO	0x00 (0_{dec})
6000:0E	Sync error		BOOLEAN	RO	0x00 (0_{dec})
6000:0F	TxPDO State		BOOLEAN	RO	0x00 (0_{dec})
6000:10	TxPDO Toggle		BOOLEAN	RO	0x00 (0_{dec})
6000:12	Value		INT32	RO	0x00000000 (0_{dec})
6000:13	Value (Real32)		REAL32	RO	0x00000000 (0_{dec})
6000:14	Input Cycle Counter		UINT16	RO	0x0000 (0_{dec})

Index 6001 AI Acc Samples

Index (hex)	Name	Meaning	Data type	Flags	Default
6001:0	AI Acc Samples		UINT8	RO	0x28 (40_{dec})
6001:01	Sample		INT32	RO	0x00000000 (0_{dec})
6001:02	Sample		INT32	RO	0x00000000 (0_{dec})
6001:03	Sample		INT32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6001:26	Sample		INT32	RO	0x00000000 (0_{dec})
6001:27	Sample		INT32	RO	0x00000000 (0_{dec})
6001:28	Sample		INT32	RO	0x00000000 (0_{dec})

Index 6003 AI Acc Samples (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
6003:0	AI Acc Samples (Real32)		UINT8	RO	0x28 (40_{dec})
6003:01	Sample		REAL32	RO	0x00000000 (0_{dec})
6003:02	Sample		REAL32	RO	0x00000000 (0_{dec})
6003:03	Sample		REAL32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6003:26	Sample		REAL32	RO	0x00000000 (0_{dec})
6003:27	Sample		REAL32	RO	0x00000000 (0_{dec})
6003:28	Sample		REAL32	RO	0x00000000 (0_{dec})

Index 6010 AI Acc Inputs

Index (hex)	Name	Meaning	Data type	Flags	Default
6010:0	AI Acc Inputs		UINT8	RO	0x14 (20_{dec})
6010:09	Self test status		BIT2	RO	0x00 (0_{dec})
6010:0B	Slope detected		BOOLEAN	RO	0x00 (0_{dec})
6010:0E	Sync error		BOOLEAN	RO	0x00 (0_{dec})
6010:0F	TxPDO State		BOOLEAN	RO	0x00 (0_{dec})
6010:10	TxPDO Toggle		BOOLEAN	RO	0x00 (0_{dec})
6010:12	Value		INT32	RO	0x00000000 (0_{dec})
6010:13	Value (Real32)		REAL32	RO	0x00000000 (0_{dec})
6010:14	Input Cycle Counter		UINT16	RO	0x0000 (0_{dec})

Index 6011 AI Acc Samples

Index (hex)	Name	Meaning	Data type	Flags	Default
6011:0	AI Acc Samples		UINT8	RO	0x28 (40_{dec})
6011:01	Sample		INT32	RO	0x00000000 (0_{dec})
6011:02	Sample		INT32	RO	0x00000000 (0_{dec})
6011:03	Sample		INT32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6011:26	Sample		INT32	RO	0x00000000 (0_{dec})
6011:27	Sample		INT32	RO	0x00000000 (0_{dec})
6011:28	Sample		INT32	RO	0x00000000 (0_{dec})

Index 6013 AI Acc Samples (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
6013:0	AI Acc Samples (Real32)		UINT8	RO	0x28 (40_{dec})
6013:01	Sample		REAL32	RO	0x00000000 (0_{dec})
6013:02	Sample		REAL32	RO	0x00000000 (0_{dec})
6013:03	Sample		REAL32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6013:26	Sample		REAL32	RO	0x00000000 (0_{dec})
6013:27	Sample		REAL32	RO	0x00000000 (0_{dec})
6013:28	Sample		REAL32	RO	0x00000000 (0_{dec})

Index 6020 AI Acc Inputs

Index (hex)	Name	Meaning	Data type	Flags	Default
6020:0	AI Acc Inputs		UINT8	RO	0x14 (20_{dec})
6020:09	Self test status		BIT2	RO	0x00 (0_{dec})
6020:0B	Slope detected		BOOLEAN	RO	0x00 (0_{dec})
6020:0E	Sync error		BOOLEAN	RO	0x00 (0_{dec})
6020:0F	TxPDO State		BOOLEAN	RO	0x00 (0_{dec})
6020:10	TxPDO Toggle		BOOLEAN	RO	0x00 (0_{dec})
6020:12	Value		INT32	RO	0x00000000 (0_{dec})
6020:13	Value (Real32)		REAL32	RO	0x00000000 (0_{dec})
6020:14	Input Cycle Counter		UINT16	RO	0x0000 (0_{dec})

Index 6021 AI Acc Samples

Index (hex)	Name	Meaning	Data type	Flags	Default
6021:0	AI Acc Samples		UINT8	RO	0x28 (40_{dec})
6021:01	Sample		INT32	RO	0x00000000 (0_{dec})
6021:02	Sample		INT32	RO	0x00000000 (0_{dec})
6021:03	Sample		INT32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6021:26	Sample		INT32	RO	0x00000000 (0_{dec})
6021:27	Sample		INT32	RO	0x00000000 (0_{dec})
6021:28	Sample		INT32	RO	0x00000000 (0_{dec})

Index 6023 AI Acc Samples (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
6023:0	AI Acc Samples (Real32)		UINT8	RO	0x28 (40_{dec})
6023:01	Sample		REAL32	RO	0x00000000 (0_{dec})
6023:02	Sample		REAL32	RO	0x00000000 (0_{dec})
6023:03	Sample		REAL32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6023:26	Sample		REAL32	RO	0x00000000 (0_{dec})
6023:27	Sample		REAL32	RO	0x00000000 (0_{dec})
6023:28	Sample		REAL32	RO	0x00000000 (0_{dec})

Index 6030 AI Gyro Inputs

Index (hex)	Name	Meaning	Data type	Flags	Default
6030:0	AI Gyro Inputs		UINT8	RO	0x14 (20_{dec})
6030:09	Self test status		BIT2	RO	0x00 (0_{dec})
6030:0B	Slope detected		BOOLEAN	RO	0x00 (0_{dec})
6030:0E	Sync error		BOOLEAN	RO	0x00 (0_{dec})
6030:0F	TxPDO State		BOOLEAN	RO	0x00 (0_{dec})
6030:10	TxPDO Toggle		BOOLEAN	RO	0x00 (0_{dec})
6030:12	Value		INT32	RO	0x00000000 (0_{dec})
6030:13	Value (Real32)		REAL32	RO	0x00000000 (0_{dec})
6030:14	Input Cycle Counter		UINT16	RO	0x0000 (0_{dec})

Index 6031 AI Gyro Samples

Index (hex)	Name	Meaning	Data type	Flags	Default
6031:0	AI Gyro Samples		UINT8	RO	0x28 (40_{dec})
6031:01	Sample		INT32	RO	0x00000000 (0_{dec})
6031:02	Sample		INT32	RO	0x00000000 (0_{dec})
6031:03	Sample		INT32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6031:26	Sample		INT32	RO	0x00000000 (0_{dec})
6031:27	Sample		INT32	RO	0x00000000 (0_{dec})
6031:28	Sample		INT32	RO	0x00000000 (0_{dec})

Index 6033 AI Gyro Samples (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
6033:0	AI Gyro Samples (Real32)		UINT8	RO	0x28 (40_{dec})
6033:01	Sample		REAL32	RO	0x00000000 (0_{dec})
6033:02	Sample		REAL32	RO	0x00000000 (0_{dec})
6033:03	Sample		REAL32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6033:26	Sample		REAL32	RO	0x00000000 (0_{dec})
6033:27	Sample		REAL32	RO	0x00000000 (0_{dec})
6033:28	Sample		REAL32	RO	0x00000000 (0_{dec})

Index 6040 AI Gyro Inputs

Index (hex)	Name	Meaning	Data type	Flags	Default
6040:0	AI Gyro Inputs		UINT8	RO	0x14 (20_{dec})
6040:09	Self test status		BIT2	RO	0x00 (0_{dec})
6040:0B	Slope detected		BOOLEAN	RO	0x00 (0_{dec})
6040:0E	Sync error		BOOLEAN	RO	0x00 (0_{dec})
6040:0F	TxPDO State		BOOLEAN	RO	0x00 (0_{dec})
6040:10	TxPDO Toggle		BOOLEAN	RO	0x00 (0_{dec})
6040:12	Value		INT32	RO	0x00000000 (0_{dec})
6040:13	Value (Real32)		REAL32	RO	0x00000000 (0_{dec})
6040:14	Input Cycle Counter		UINT16	RO	0x0000 (0_{dec})

Index 6041 AI Gyro Samples

Index (hex)	Name	Meaning	Data type	Flags	Default
6041:0	AI Gyro Samples		UINT8	RO	0x28 (40_{dec})
6041:01	Sample		INT32	RO	0x00000000 (0_{dec})
6041:02	Sample		INT32	RO	0x00000000 (0_{dec})
6041:03	Sample		INT32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6041:26	Sample		INT32	RO	0x00000000 (0_{dec})
6041:27	Sample		INT32	RO	0x00000000 (0_{dec})
6041:28	Sample		INT32	RO	0x00000000 (0_{dec})

Index 6043 AI Gyro Samples (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
6043:0	AI Gyro Samples (Real32)		UINT8	RO	0x28 (40_{dec})
6043:01	Sample		REAL32	RO	0x00000000 (0_{dec})
6043:02	Sample		REAL32	RO	0x00000000 (0_{dec})
6043:03	Sample		REAL32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…s
6043:26	Sample		REAL32	RO	0x00000000 (0_{dec})
6043:27	Sample		REAL32	RO	0x00000000 (0_{dec})
6043:28	Sample		REAL32	RO	0x00000000 (0_{dec})

Index 6050 AI Gyro Inputs

Index (hex)	Name	Meaning	Data type	Flags	Default
6050:0	AI Gyro Inputs		UINT8	RO	0x14 (20_{dec})
6050:09	Self test status		BIT2	RO	0x00 (0_{dec})
6050:0B	Slope detected		BOOLEAN	RO	0x00 (0_{dec})
6050:0E	Sync error		BOOLEAN	RO	0x00 (0_{dec})
6050:0F	TxPDO State		BOOLEAN	RO	0x00 (0_{dec})
6050:10	TxPDO Toggle		BOOLEAN	RO	0x00 (0_{dec})
6050:12	Value		INT32	RO	0x00000000 (0_{dec})
6050:13	Value (Real32)		REAL32	RO	0x00000000 (0_{dec})
6050:14	Input Cycle Counter		UINT16	RO	0x0000 (0_{dec})

Index 6051 AI Gyro Samples

Index (hex)	Name	Meaning	Data type	Flags	Default
6051:0	AI Gyro Samples		UINT8	RO	0x28 (40_{dec})
6051:01	Sample		INT32	RO	0x00000000 (0_{dec})
6051:02	Sample		INT32	RO	0x00000000 (0_{dec})
6051:03	Sample		INT32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6051:26	Sample		INT32	RO	0x00000000 (0_{dec})
6051:27	Sample		INT32	RO	0x00000000 (0_{dec})
6051:28	Sample		INT32	RO	0x00000000 (0_{dec})

Index 6053 AI Gyro Samples (Real32)

Index (hex)	Name	Meaning	Data type	Flags	Default
6053:0	AI Gyro Samples (Real32)		UINT8	RO	0x28 (40_{dec})
6053:01	Sample		REAL32	RO	0x00000000 (0_{dec})
6053:02	Sample		REAL32	RO	0x00000000 (0_{dec})
6053:03	Sample		REAL32	RO	0x00000000 (0_{dec})
…	…	…	…	…	…
6053:26	Sample		REAL32	RO	0x00000000 (0_{dec})
6053:27	Sample		REAL32	RO	0x00000000 (0_{dec})
6053:28	Sample		REAL32	RO	0x00000000 (0_{dec})

Index 6060 AI Temp Inputs

Index (hex)	Name	Meaning	Data type	Flags	Default
6060:0	AI Temp Inputs		UINT8	RO	0x13 (19_{dec})
6060:0E	Sync error		BOOLEAN	RO	0x00 (0_{dec})
6060:0F	TxPDO State		BOOLEAN	RO	0x00 (0_{dec})
6060:10	TxPDO Toggle		BOOLEAN	RO	0x00 (0_{dec})
6060:12	Value		INT32	RO	0x00000000 (0_{dec})
6060:13	Value (Real32)		REAL32	RO	0x00000000 (0_{dec})

Index 7070 DIG Outputs Ch.1

Index (hex)	Name	Meaning	Data type	Flags	Default
7070:0	DIG Outputs Ch.1		UINT8	RO	0x03 (3_{dec})
7070:01	LED 1		BOOLEAN	RO	0x00 (0_{dec})
7070:02	LED 2		BOOLEAN	RO	0x00 (0_{dec})
7070:03	LED 3		BOOLEAN	RO	0x00 (0_{dec})

Index F000 Modular Device Profile

Index (hex)	Name	Meaning	Data type	Flags	Default
F000:0	Modular Device Profile	General information for the Modular Device Profile	UINT8	RO	0x02 (2_{dec})
F000:01	Index distance	Index distance of the objects of the individual channels	UINT16	RO	0x0010 (16_{dec})
F000:02	Maximum number of modules	Number of channels	UINT16	RO	0x0008 (8_{dec})

Index F008 Code word

Index (hex)	Name	Meaning	Data type	Flags	Default
F008:0	Code word		UINT32	RW	0x00000000 (0_{dec})

Index F010 Module Profile List

Index (hex)	Name	Meaning	Data type	Flags	Default
F010:0	Module Profile List		UINT8	RO	0x08 (8_{dec})
F010:01	SubIndex 001		UINT32	RO	0x0000012C (300_{dec})
F010:02	SubIndex 002		UINT32	RO	0x0000012C (300_{dec})
F010:03	SubIndex 003		UINT32	RO	0x0000012C (300_{dec})
F010:04	SubIndex 004		UINT32	RO	0x0000012C (300_{dec})
F010:05	SubIndex 005		UINT32	RO	0x0000012C (300_{dec})
F010:06	SubIndex 006		UINT32	RO	0x0000012C (300_{dec})
F010:07	SubIndex 007		UINT32	RO	0x0000012C (300_{dec})
F010:08	SubIndex 008		UINT32	RO	0x00000118 (280_{dec})

Index F912 Filter info

Index (hex)	Name	Meaning	Data type	Flags	Default
F912:0	Filter info		UINT8	RO	0x07 (7_{dec})
F912:01	Info header		OCTET-STRING[8]	RO	{0}
F912:02	Filter 1		OCTET-STRING[30]	RO	{0}
F912:03	Filter 2		OCTET-STRING[30]	RO	{0}
F912:04	Filter 3		OCTET-STRING[30]	RO	{0}
F912:05	Filter 4		OCTET-STRING[30]	RO	{0}
F912:06	Filter 5		OCTET-STRING[30]	RO	{0}
F912:07	Filter 6		OCTET-STRING[30]	RO	{0}

Index FB10 CMD Command

Index (hex)	Name	Meaning	Data type	Flags	Default
FB10:0	CMD Command		UINT8	RO	0x03 (3_{dec})
FB10:01	Request		OCTET-STRING[6]	RW	{0}
FB10:02	Status		UINT8	RO	0x00 (0_{dec})
FB10:03	Response		OCTET-STRING[6]	RO	{0}

7 Appendix

7.1 General operating conditions

Protection rating according to IP code

The degrees of protection are defined and divided into different classes in the IEC 60529 standard (EN 60529). Degrees of protection are designated by the letters "IP" and two numerals: **IPxy**

- Numeral x: Dust protection and contact protection
- Numeral y: Protection against water

x	Meaning
0	Not protected
1	Protected against access to dangerous parts with the back of the hand. Protected against solid foreign objects of 50 mm Ø
2	Protected against access to dangerous parts with a finger. Protected against solid foreign objects of 12.5 mm Ø
3	Protected against access to dangerous parts with a tool. Protected against solid foreign objects of 2.5 mm Ø
4	Protected against access to dangerous parts with a wire. Protected against solid foreign objects of 1 mm Ø
5	Protection against access to dangerous parts with a wire. Dust-protected. Ingress of dust is not prevented completely, although the quantity of dust able to penetrate is limited to such an extent that the proper function of the device and safety are not impaired
6	Protection against access to dangerous parts with a wire. Dust-tight. No ingress of dust

y	Meaning
0	Not protected
1	Protection against vertically falling water drops
2	Protection against vertically falling water drops when enclosure tilted up to 15°
3	Protection against spraying water. Water sprayed at an angle of up to 60° on either side of the vertical shall have no harmful effects
4	Protection against splashing water. Water splashed against the enclosure from any direction shall have no harmful effects
5	Protection against water jets.
6	Protection against powerful water jets.
7	Protected against the effects of temporary immersion in water. Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is immersed in water at a depth of 1 m for 30 minutes

Chemical resistance

The resistance refers to the housing of the IP67 modules and the metal parts used. In the table below you will find some typical resistances.

Type	Resistance
Water vapor	unstable at temperatures > 100 °C
Sodium hydroxide solution (ph value > 12)	stable at room temperature unstable > 40 °C
Acetic acid	unstable
Argon (technically pure)	stable

Key

- resistant: Lifetime several months
- non inherently resistant: Lifetime several weeks
- not resistant: Lifetime several hours resp. early decomposition

7.2 Accessories

Mounting

Ordering information	Description	Link
ZS5300-0011	Mounting rail	Website

Cables

A complete overview of pre-assembled cables can be found on the Beckhoff website: Link.

Ordering information	Description	Link
ZK1090-3xxx-xxxx	EtherCAT cable M8, green	Website
ZK1093-3xxx-xxxx	EtherCAT cable M8, yellow	Website
ZK2020-3xxx-xxxx	Power cable M8, 4-pin	Website

Labeling material, protective caps

Ordering information	Description
ZS5000-0010	Protective cap for M8 sockets, IP67 (50 pieces)
ZS5000-0015	Protection cover for the supply voltage connections, see chapter Protection cover ZS5000-0015 [▶ 130].
ZS5100-0000	Inscription labels, unprinted, 4 strips of 10
ZS5000-xxxx	Printed inscription labels on enquiry

Tools

Ordering information	Description
ZB8801-0000	Torque wrench for plugs, 0.4…1.0 Nm
ZB8801-0001	Torque cable key for M8 / wrench size 9 for ZB8801-0000

Further accessories

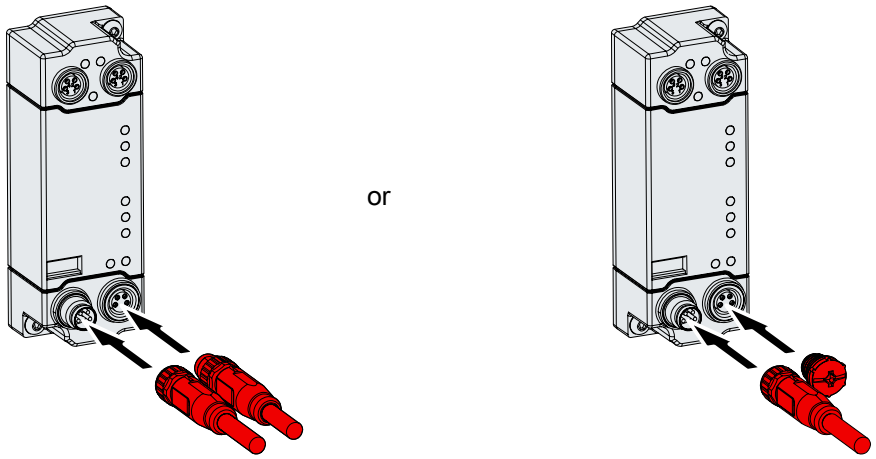
Further accessories can be found in the price list for fieldbus components from Beckhoff and online at https://www.beckhoff.com.

7.2.1 Protection cover ZS5000-0015

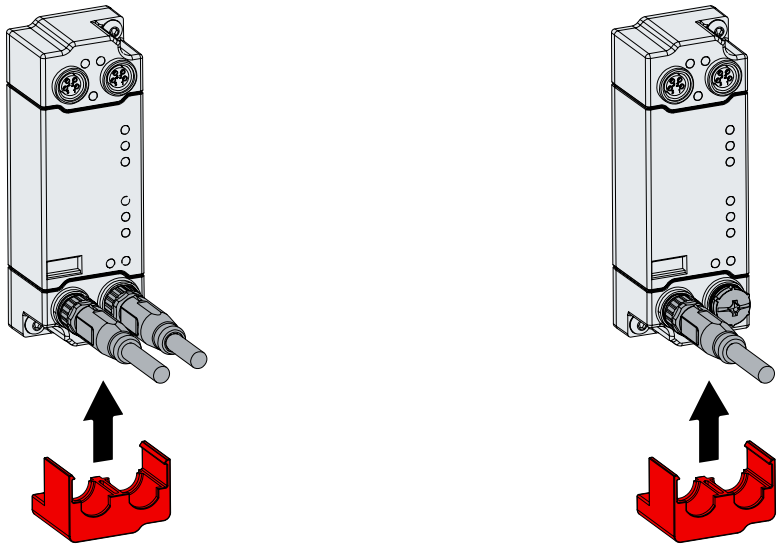
The protection cover ZS5000-0015 is a touch guard for the supply voltage connections.

Mounting

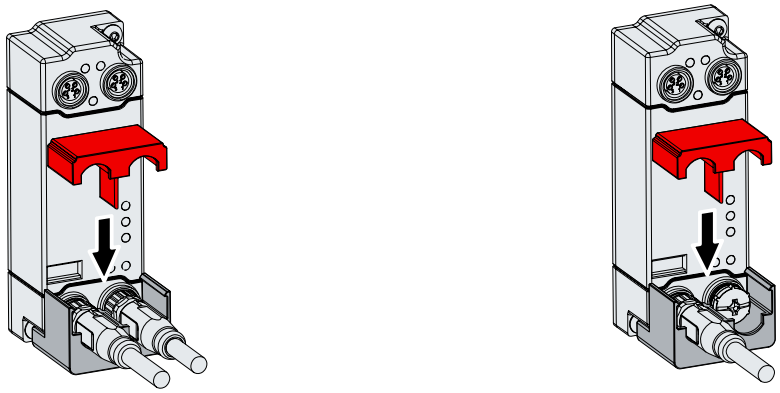
1. Connect the supply lines. Close unused connections with protection caps.



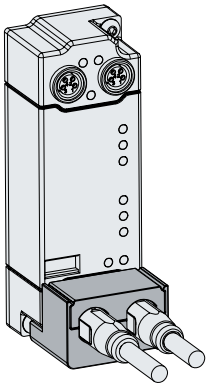
2. Fit the lower half of the protection cover.

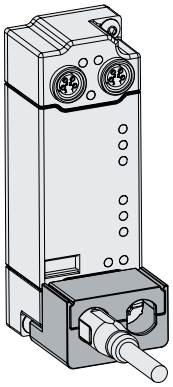


3. Fit the upper half of the protection cover. Make sure that both sides engage.



⇨ Done.





7.3 Version identification of EtherCAT devices

7.3.1 General notes on marking

Designation

A Beckhoff EtherCAT device has a 14-digit designation, made up of

- family key
- type
- version
- revision

Example	Family	Type	Version	Revision
EL3314-0000-0016	EL terminal 12 mm, non-pluggable connection level	3314 4-channel thermocouple terminal	0000 basic type	0016
ES3602-0010-0017	ES terminal 12 mm, pluggable connection level	3602 2-channel voltage measurement	0010 high-precision version	0017
CU2008-0000-0000	CU device	2008 8-port fast ethernet switch	0000 basic type	0000

Notes

- The elements mentioned above result in the **technical designation**. EL3314-0000-0016 is used in the example below.
- EL3314-0000 is the order identifier, in the case of “-0000” usually abbreviated to EL3314. “-0016” is the EtherCAT revision.
- The **order identifier** is made up of
  - family key (EL, EP, CU, ES, KL, CX, etc.)
  - type (3314)
  - version (-0000)
- The **revision** -0016 shows the technical progress, such as the extension of features with regard to the EtherCAT communication, and is managed by Beckhoff.
  In principle, a device with a higher revision can replace a device with a lower revision, unless specified otherwise, e.g. in the documentation.
  Associated and synonymous with each revision there is usually a description (ESI, EtherCAT Slave Information) in the form of an XML file, which is available for download from the Beckhoff web site.
  From 2014/01 the revision is shown on the outside of the IP20 terminals, see Fig. *“EL2872 with revision 0022 and serial number 01200815”*.
- The type, version and revision are read as decimal numbers, even if they are technically saved in hexadecimal.

7.3.2 Version identification of IP67 modules

The serial number/ data code for Beckhoff IO devices is usually the 8-digit number printed on the device or on a sticker. The serial number indicates the configuration in delivery state and therefore refers to a whole production batch, without distinguishing the individual modules of a batch.

Structure of the serial number: **KK YY FF HH**	Example with serial number 12 06 3A 02:
KK - week of production (CW, calendar week)	12 - production week 12
YY - year of production	06 - production year 2006
FF - firmware version	3A - firmware version 3A
HH - hardware version	02 - hardware version 02

Exceptions can occur in the **IP67 area**, where the following syntax can be used (see respective device documentation):

Syntax: D ww yy x y z u

D - prefix designation
ww - calendar week
yy - year
x - firmware version of the bus PCB
y - hardware version of the bus PCB
z - firmware version of the I/O PCB
u - hardware version of the I/O PCB

Example: D.22081501 calendar week 22 of the year 2008 firmware version of bus PCB: 1 hardware version of bus PCB: 5 firmware version of I/O PCB: 0 (no firmware necessary for this PCB) hardware version of I/O PCB: 1

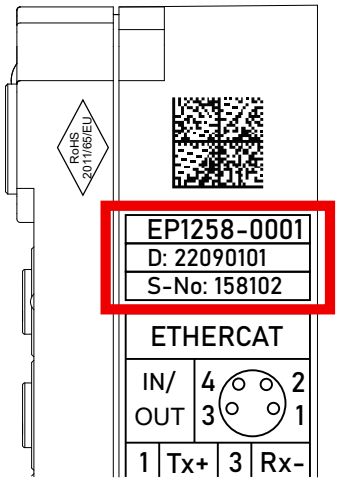


Fig. 7: EP1258-00001 IP67 EtherCAT Box with batch number/DateCode 22090101 and unique serial number 158102

7.3.3 Beckhoff Identification Code (BIC)

The Beckhoff Identification Code (BIC) is increasingly being applied to Beckhoff products to uniquely identify the product. The BIC is represented as a Data Matrix Code (DMC, code scheme ECC200), the content is based on the ANSI standard MH10.8.2-2016.

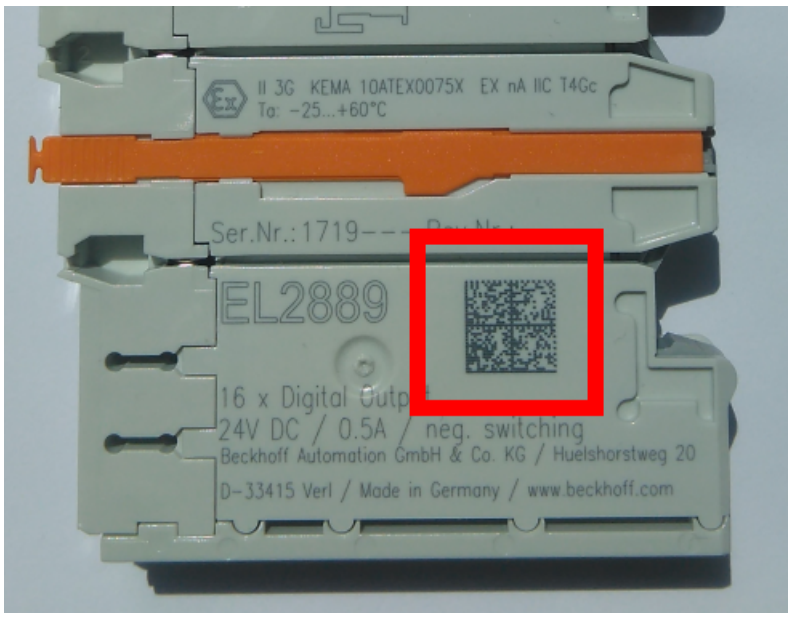


Fig. 8: BIC as data matrix code (DMC, code scheme ECC200)

The BIC will be introduced step by step across all product groups.

Depending on the product, it can be found in the following places:

- on the packaging unit
- directly on the product (if space suffices)
- on the packaging unit and the product

The BIC is machine-readable and contains information that can also be used by the customer for handling and product management.

Each piece of information can be uniquely identified using the so-called data identifier (ANSI MH10.8.2-2016). The data identifier is followed by a character string. Both together have a maximum length according to the table below. If the information is shorter, spaces are added to it.

Following information is possible, positions 1 to 4 are always present, the other according to need of production:

Posi-tion	Type of information	Explanation	Data identifier	Number of digits incl. data identifier	Example
1	Beckhoff order number	**Beckhoff order number**	1P	8	**1P**072222
2	Beckhoff Traceability Number (BTN)	**Unique serial number, see note below**	SBTN	12	**SBTN**k4p562d7
3	Article description	**Beckhoff article description, e.g. EL1008**	1K	32	**1K**EL1809
4	Quantity	**Quantity in packaging unit, e.g. 1, 10, etc.**	Q	6	**Q**1
5	Batch number	Optional: Year and week of production	2P	14	**2P**401503180016
6	ID/serial number	Optional: Present-day serial number system, e.g. with safety products	51S	12	**51S**678294
7	Variant number	Optional: Product variant number on the basis of standard products	30P	12	**30P**F971, 2*K183
...					

Further types of information and data identifiers are used by Beckhoff and serve internal processes.

Structure of the BIC

Example of composite information from positions 1 to 4 and with the above given example value on position 6. The data identifiers are highlighted in bold font:

1P072222**SBTN**k4p562d7**1K**EL1809 **Q**1 **51S**678294

Accordingly as DMC:

Fig. 9: Example DMC **1P**072222**SBTN**k4p562d7**1K**EL1809 **Q**1 **51S**678294

BTN

An important component of the BIC is the Beckhoff Traceability Number (BTN, position 2). The BTN is a unique serial number consisting of eight characters that will replace all other serial number systems at Beckhoff in the long term (e.g. batch designations on IO components, previous serial number range for safety products, etc.). The BTN will also be introduced step by step, so it may happen that the BTN is not yet coded in the BIC.

NOTICE

This information has been carefully prepared. However, the procedure described is constantly being further developed. We reserve the right to revise and change procedures and documentation at any time and without prior notice. No claims for changes can be made from the information, illustrations and descriptions in this documentation.

7.3.4 Electronic access to the BIC (eBIC)

Electronic BIC (eBIC)

The Beckhoff Identification Code (BIC) is applied to the outside of Beckhoff products in a visible place. If possible, it should also be electronically readable.

The interface that the product can be electronically addressed by is crucial for the electronic readout.

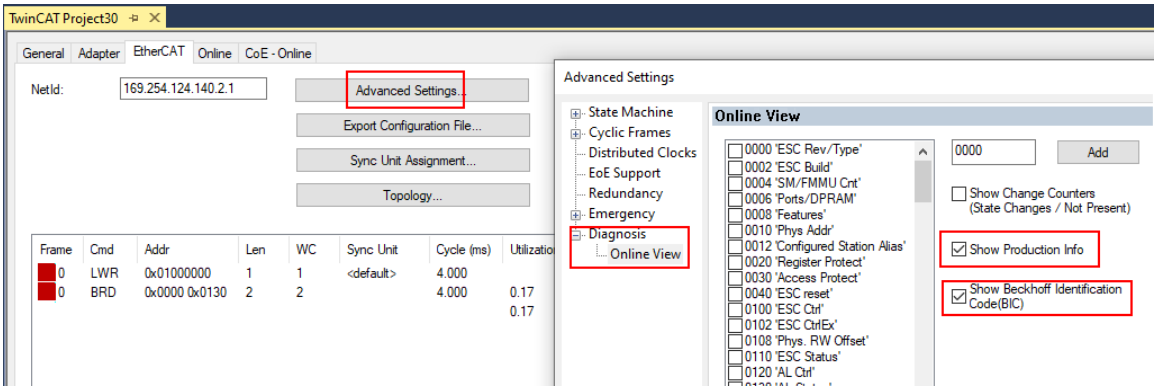
EtherCAT devices (IP20, IP67)

All Beckhoff EtherCAT devices have an ESI-EEPROM which contains the EtherCAT identity with the revision number. The EtherCAT slave information, also colloquially known as the ESI/XML configuration file for the EtherCAT master, is stored in it. See the corresponding chapter in the EtherCAT system manual (Link) for the relationships.

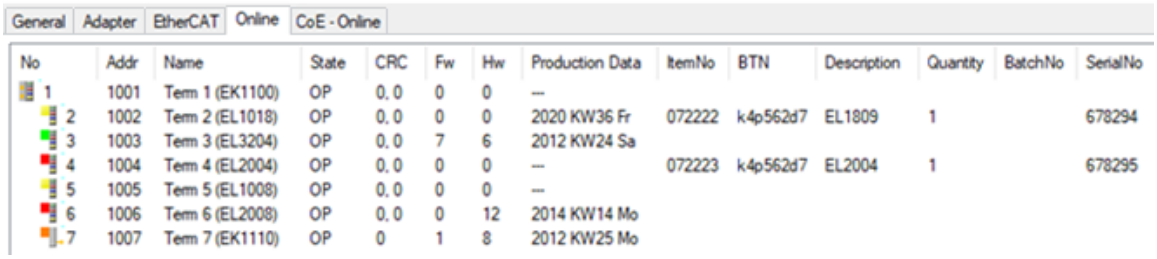
Beckhoff also stores the eBIC in the ESI-EEPROM. The eBIC was introduced into Beckhoff IO production (terminals, box modules) in 2020; as of 2023, implementation is largely complete.

The user can electronically access the eBIC (if present) as follows:

- With all EtherCAT devices, the EtherCAT master (TwinCAT) can read the eBIC from the ESI-EEPROM
  - From TwinCAT 3.1 build 4024.11, the eBIC can be displayed in the online view.
  - To do this, check the "Show Beckhoff Identification Code (BIC)" checkbox under EtherCAT → Advanced Settings → Diagnostics:

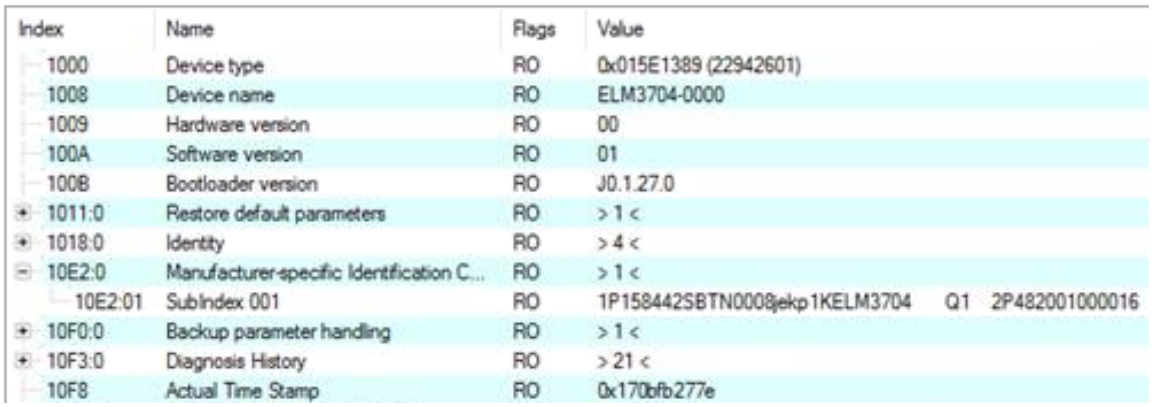


  - The BTN and its contents are then displayed:



  - Note: As shown in the figure, the production data HW version, FW version, and production date, which have been programmed since 2012, can also be displayed with "Show production info".
  - Access from the PLC: From TwinCAT 3.1. build 4024.24, the functions *FB_EcReadBIC* and *FB_EcReadBTN* for reading into the PLC are available in the Tc2_EtherCAT library from v3.3.19.0.
- EtherCAT devices with a CoE directory may also have the object 0x10E2:01 to display their own eBIC, which can also be easily accessed by the PLC:

- The device must be in PREOP/SAFEOP/OP for access:



Index	Name	Flags	Value
1000	Device type	RO	0x015E1389 (22942601)
1008	Device name	RO	ELM3704-0000
1009	Hardware version	RO	00
100A	Software version	RO	01
100B	Bootloader version	RO	J0.1.27.0
1011:0	Restore default parameters	RO	> 1 <
1018:0	Identity	RO	> 4 <
10E2:0	Manufacturer-specific Identification C...	RO	> 1 <
10E2:01	SubIndex 001	RO	1P158442SBTN0008jekp1KELM3704 Q1 2P482001000016
10F0:0	Backup parameter handling	RO	> 1 <
10F3:0	Diagnosis History	RO	> 21 <
10F8	Actual Time Stamp	RO	0x170bfb277e

  - The object 0x10E2 will be preferentially introduced into stock products in the course of necessary firmware revision.
  - From TwinCAT 3.1. build 4024.24, the functions *FB_EcCoEReadBIC* and *FB_EcCoEReadBTN* for reading into the PLC are available in the Tc2_EtherCAT library from v3.3.19.0
- The following auxiliary functions are available for processing the BIC/BTN data in the PLC in *Tc2_Utilities* as of TwinCAT 3.1 build 4024.24
  - F_SplitBIC: The function splits the Beckhoff Identification Code (BIC) sBICValue into its components using known identifiers and returns the recognized substrings in the ST_SplittedBIC structure as a return value
  - BIC_TO_BTN: The function extracts the BTN from the BIC and returns it as a return value
- Note: If there is further electronic processing, the BTN is to be handled as a string(8); the identifier "SBTN" is not part of the BTN.
- Technical background
  The new BIC information is written as an additional category in the ESI-EEPROM during device production. The structure of the ESI content is largely dictated by the ETG specifications, therefore the additional vendor-specific content is stored using a category in accordance with the ETG.2010. ID 03 tells all EtherCAT masters that they may not overwrite these data in the event of an update or restore the data after an ESI update.
  The structure follows the content of the BIC, see here. The EEPROM therefore requires approx. 50..200 bytes of memory.
- Special cases
  - If multiple hierarchically arranged ESCs are installed in a device, only the top-level ESC carries the eBIC information.
  - If multiple non-hierarchically arranged ESCs are installed in a device, all ESCs carry the eBIC information.
  - If the device consists of several sub-devices which each have their own identity, but only the top-level device is accessible via EtherCAT, the eBIC of the top-level device is located in the CoE object directory 0x10E2:01 and the eBICs of the sub-devices follow in 0x10E2:nn.

7.4 Support and Service

Beckhoff and their partners around the world offer comprehensive support and service, making available fast and competent assistance with all questions related to Beckhoff products and system solutions.

Beckhoff's branch offices and representatives

Please contact your Beckhoff branch office or representative for local support and service on Beckhoff products!

The addresses of Beckhoff's branch offices and representatives round the world can be found on her internet pages: www.beckhoff.com

You will also find further documentation for Beckhoff components there.

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The Beckhoff Support offers you comprehensive technical assistance, helping you not only with the application of individual Beckhoff products, but also with other, wide-ranging services:

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- and extensive training program for Beckhoff system components

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web:	www.beckhoff.com/support

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