

ZS1090-9001 | EtherCAT contact carrier, green, PCB, SMT, THR, M8, backmounting, straight, female, pins 4, A-coded, 3.8 mm



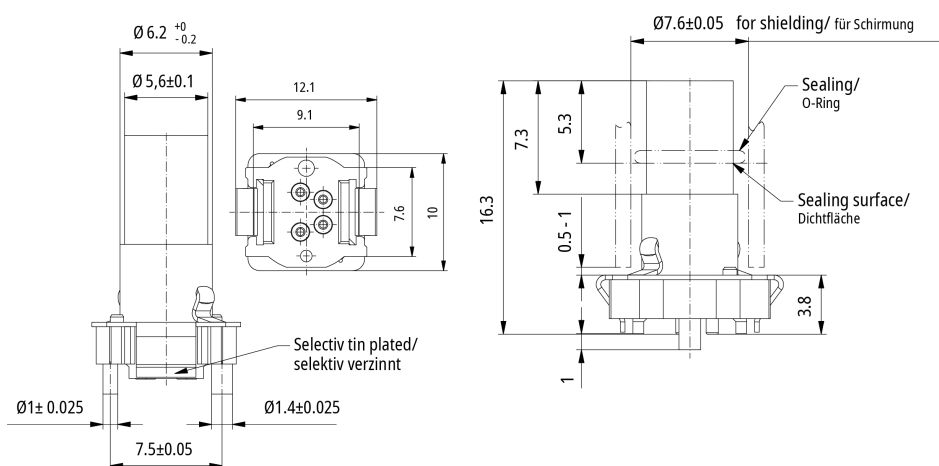
M8, EtherCAT insulation body including contacts, straight, female, 4-pin, A-coded



Electrical data	
Rated voltage	24 V DC (according to IEC 61076-2-104)
Rated current	4 A at 40°C (according to IEC 61076-2-104)
Shielding	yes
Insulation resistance	≥ 100 MΩ (according to IEC 60512)
Mechanical data	
Accessories type	Connectors
Installation size	M8
Connector type	EtherCAT insulation body including contacts
Configuration	straight
Contact type	female
Number of positions (face)	4-pin
Coding	A-coded
Mating cycles	≥ 100
Way of locking	screw

Contact carrier color	green
Contact carrier material	PA4.6 GF, UL94 V-0
Contact plating	Ni, Au gal.
Contact material	CuZn
Environmental data	
Special features	tape & reel, suitable for reflow soldering max. 60 s/250°C
UV resistance	yes
RoHS compliant	yes
Ambient temperature (operation)	-25...+90°C, -13...+194°F
Protection rating	IP65/67 in screwed condition (according to IEC 60529)
Pollution level	3/2 (according to IEC 60664-1)

Dimensions



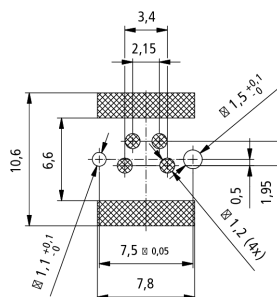
A1

16.30 mm

Notes

- Illustrations similar

Installation dimensions



Ordering information

ZS1090-9001

EtherCAT contact carrier, green, PCB, SMT, THR, M8, backmounting, straight, female, pins 4, A-coded, 3.8 mm, packaging unit = 75 pieces

Accessories

ZB8801-0000

torque wrench for hexagonal plugs, adjustable

ZB8801-0002

torque cable key, M12/wrench size 13, for ZB8801-0000



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.

Beckhoff®, ATRO®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, MX-System®, Safety over EtherCAT®, TC/BSD®, TwinCAT®, TwinCAT/BSD®, TwinSAFE®, XFC®, XPlanar® and XTS® are registered trademarks of and licensed by Beckhoff Automation GmbH. Other designations used in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owners.

© Beckhoff Automation GmbH & Co. KG 04/2026

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual application do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.