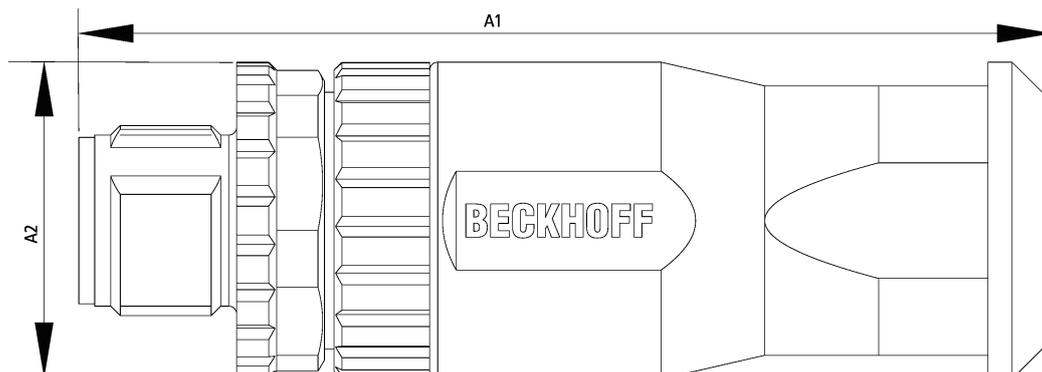


# ZS2000-6610 | M12 plug field assembly, sensor and power, IP 65/67

M12, plug, straight, male, 4-pin, A-coded

Electrical data	
Rated voltage	250 V (according to IEC 61076-2-101)
Rated current	5 A at 40 °C (according to IEC 61076-2-101)
Shielding	no
Contact resistance	< 10 mΩ
Insulation resistance	≥ 100 MΩ (according to IEC 60512)
Mechanical data	
Installation size	M12
Connector type	plug
Configuration	straight
Contact type	male
Number of positions (face)	4-pin
Coding	A-coded
Wire termination	screw connection
Recommended torque, nut	0.6 Nm
Recommended torque, screw termination	0.3 Nm
Mating cycles	≥ 100 (according to IEC 60512-9a)
Way of locking	screw
Weight per piece	0.023 kg (0.0507 lb)
Body colour	black
Body material	PA6 GF, UL 94 HB
Coupling nut material	GD-Zn, Ni
Seal	elastomers
O-ring	FPM/NBR
Contact carrier colour	black
Contact carrier material	PA 6, UL 94 V0
Contact plating	Ni, Au gal.
Contact material	CuZn
Max. wire cross section	max. 0.75 mm <sup>2</sup> (AWG18)
Max. cable outer diameter	4 - 8 mm
Environmental data	
RoHS compliant	yes
Ambient temperature (operation)	-30...+85 °C, -22...+185 °F
Protection class	IP 65/67 in screwed condition (according to IEC 60529)
Pollution level	3/2 (according to IEC 60664-1)

## Dimensions



A1	61.00 mm
A2	20.00 mm

Ordering information	
ZS2000-6610	M12, plug, plastic, screw type, straight, male, 4-pin, A-coded, 0.14...0.75 mm <sup>2</sup> , Ø 4...8 mm

Accessories	
ZB8801-0000	torque wrench for hexagonal plugs, adjustable
ZB8801-0003	torque cable key, M12F/wrench size 18, for ZB8801-0000

Beckhoff®, TwinCAT®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, Safety over EtherCAT®, TwinSAFE®, XFC®, XTS® and XPlanar® 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 02/2021

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.