



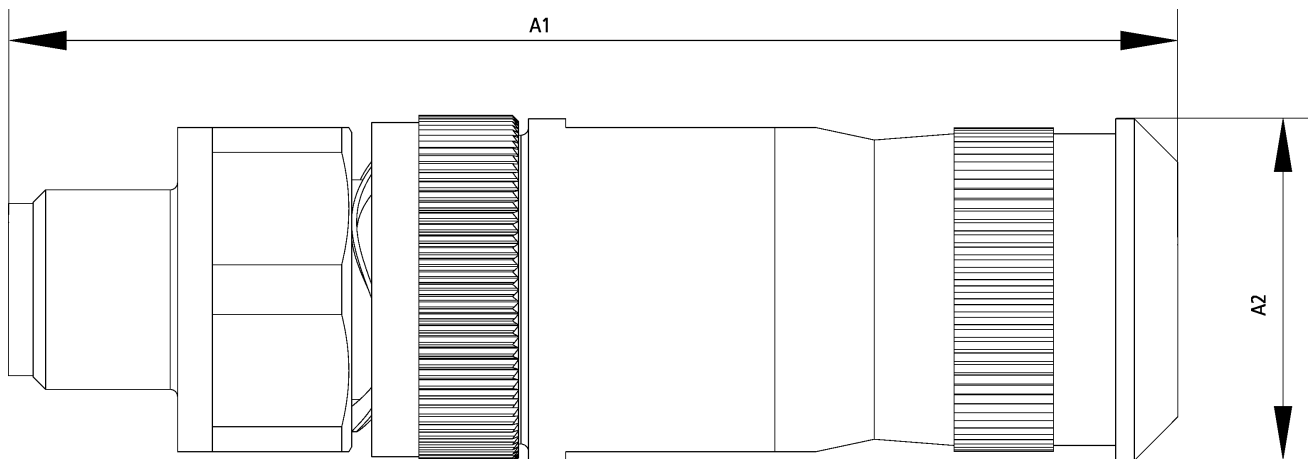
ZS7000-0001 | M8 plug field assembly, IP 65/67, crimp, shielded

M8, plug, straight, male, 4-pin, P-coded

Electrical data	
Rated voltage	24 V DC (according to IEC 61076-2-104)
Rated current	3 A at 40 °C (according to IEC 61076-2-104)
Shielding	yes
Insulation resistance	≥ 100 MΩ (according to IEC 60512)
Mechanical data	
Installation size	M8
Connector type	plug
Configuration	straight
Contact type	male
Number of positions (face)	4-pin
Coding	P-coded
Wire termination	crimp connection
Recommended torque, nut	0.4 Nm
Mating cycles	≥ 100
Way of locking	screw
Weight per piece	0.028 kg (0.0617 lb)
Body colour	metal
Body material	CuZn, Ni
Coupling nut material	CuZn, Ni
Seal	elastomers
O-ring	elastomers
Contact carrier colour	red
Contact carrier material	PA 6, UL 94 V0
Contact plating	Au over Ni
Contact material	CuZn, Ni b/Au 0.2 gal.
Max. wire cross section	AWG22 (0.34 mm ²)
Max. cable outer diameter	4.9 - 6.5 mm
Environmental data	
UV resistance	yes
RoHS compliant	yes

Ambient temperature (operation)	-40...+85 °C, -40...+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	47.00 mm
A2	14.00 mm

Notes

- Delivery with crimp contacts
- Illustrations similar

Ordering information	
ZS7000-0001	plug, field assembly, EtherCAT P, IP 65/67, crimp, straight, male, 4-pin, P-coded, Ø 4.9...6.5 mm, shielded

Accessories	
ZS7000-C001	Crimp contact, Ethernet element, male, AWG22/0.34 mm ² , PU = 50 pieces
ZB8810-0000	crimping tool for Ethernet element, M8, B12, B17, B23 contacts
ZB8810-0001	crimping insert and locator for Ethernet element, M8, B12, B17 contacts
ZB8801-0000	torque wrench for hexagonal plugs, adjustable
ZB8801-0002	torque cable key, M12/wrench size 13, 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.