



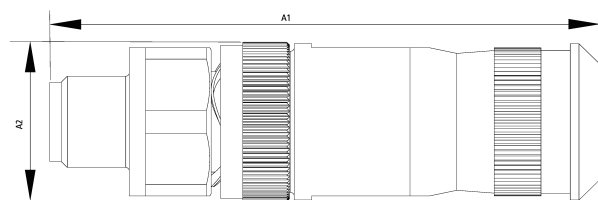
ZS1090-1006 | M8 plug field assembly, Ethernet/EtherCAT, IP 67, shielded

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

Electrical data	
Rated voltage	30 V (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	Connector
Installation size	M8
Connector type	plug
Configuration	straight
Contact type	male
Number of positions (face)	4-pin
Coding	A-coded
Wire termination	screw connection
Recommended torque, nut	0.4 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	silicone/NBR
Contact carrier colour	black
Contact carrier material	PA 6, UL 94 V0
Contact plating	Au over Ni
Contact material	CuZn
Max. wire cross section	AWG20 (0.5 mm ²)
Max. cable outer diameter	4.9 - 6.5 mm
Environmental data	
UV resistance	yes

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	47.00 mm
A2	14.00 mm

Notes

- Illustrations similar

Ordering information

ZS1090-1006	plug, field assembly, Ethernet/EtherCAT, M8, IP 67, straight, male, 4-pin, A-coded, 0.14...0.5 mm ² , Ø 4.9...6.5 mm, shielded
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Accessories

ZB8801-0000	torque wrench for hexagonal plugs, adjustable
ZB8801-0002	torque cable key, M12/wrench size 13, for ZB8801-0000

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