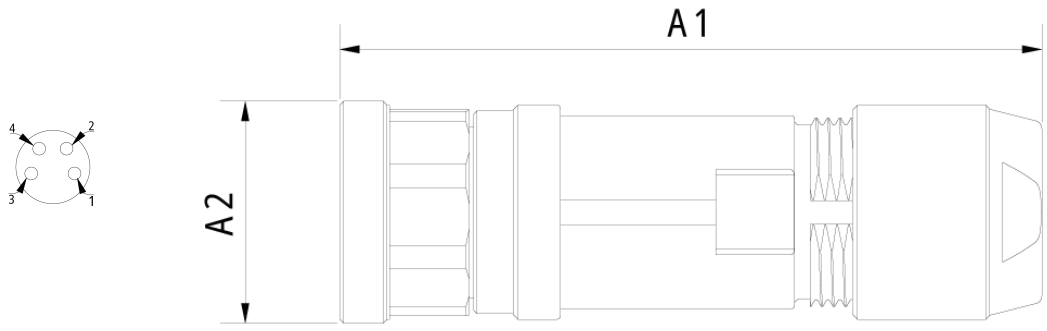
ZS1090-1007 | Socket, field assembly, shielded

M8, socket, straight, female, 4-pin, A-coded

Electrical data	
Rated voltage	50 V AC/60 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	socket
Configuration	straight
Contact type	female
Number of positions (face)	4-pin
Coding	A-coded
Wire termination	screw connection
Recommended torque, nut	0.4...0.5 Nm
Mating cycles	≥ 100
Way of locking	screw

Weight	0.028 kg (0.0617 lb)
Body color	metal
Body material	CuZn, Ni
Coupling nut material	CuZn, Ni
Seal	EPDM
O-ring	EPDM
Contact carrier color	black
Contact carrier material	PA66 UL94 HB
Contact plating	Au over Ni
Contact material	nickel/gold plated
Max. wire cross-section	AWG20 (0.5 mm²)
Max. cable outer diameter	4.9...6.5 mm
Environmental data	
Special features	RoHS compliant and lead-free
UV resistance	yes
RoHS compliant	yes
Ambient temperature (operation)	-40...+85°C, -40...+185°F
Protection rating	IP67 in screwed condition (according to IEC 60529)
Pollution level	3
UL	yes, UL E-file number: E480185

Dimensions



A1	~44.5 mm
A2	Ø 14.0 mm

Notes

- Illustrations similar

Ordering information	
ZS1090-1007	socket, field assembly, Ethernet/EtherCAT, M8, IP67, straight, female, 4-pin, A-coded, 0.14...0.5 mm², Ø 4.9...6.5 mm, shielded

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.

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