



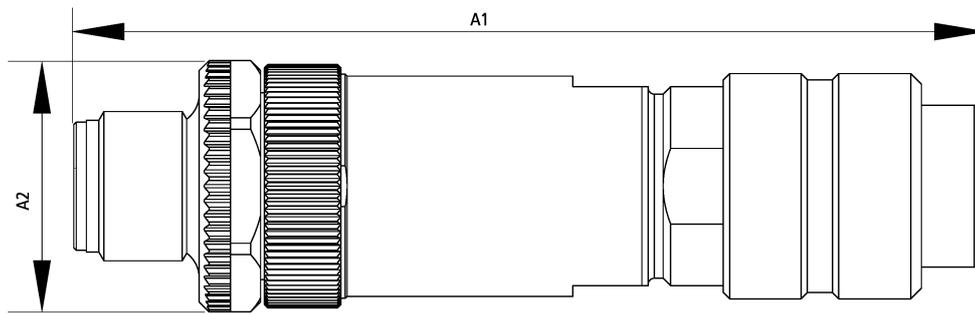
## ZS1090-0004 | M12 plug field assembly, IP 67, shielded

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

Electrical data	
Rated voltage	250 V
Rated current	4 A
Rated impulse voltage	2.5 kV
Shielding	yes
Contact resistance	< 5 mΩ
Insulation resistance	≥ 10 GΩ (according to IEC 60512-2)
Mechanical data	
Accessories Type	Connector
Installation size	M12
Connector type	plug
Configuration	straight
Contact type	male
Number of positions (face)	4-pin
Coding	D-coded
Wire termination	screw connection
Recommended torque, nut	0.6 Nm
Mating cycles	≥ 100 (according to IEC 60512-9a)
Way of locking	screw
Body colour	metal
Body material	CuZn, Ni
Coupling nut material	CuZn, Ni
Seal	FPM
Contact carrier colour	green
Contact carrier material	TPU GF, UL 94
Contact plating	Ni, Au gal.
Contact material	CuZn
Max. wire cross section	AWG16 ... AWG26 (1.5 mm <sup>2</sup> ... 0.14 mm <sup>2</sup> )
Max. cable outer diameter	4 - 8 mm
Environmental data	
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)
Approvals	UL

## Dimensions



A1	49.00 mm
A2	Ø 20.00 mm

## Notes

- Illustrations similar

<b>Ordering information</b>	
ZS1090-0004	plug, field assembly, Ethernet/EtherCAT, M12, IP 67, straight, male, 4-pin, D-coded, Ø 5...8 mm, shielded

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

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