

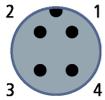
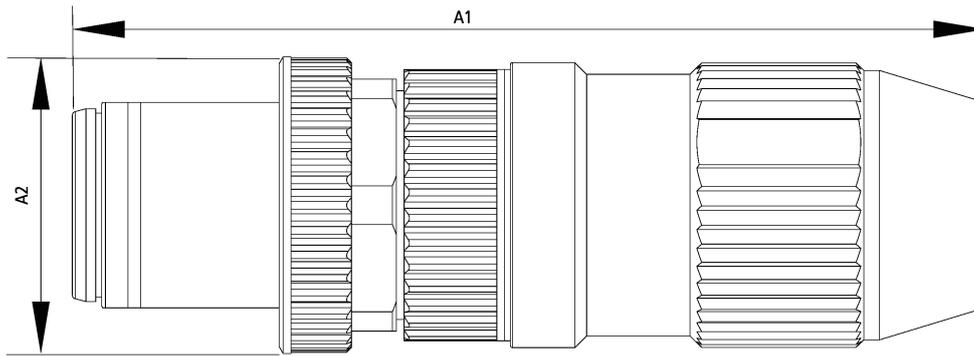


ZS2000-1613 | M12 plug field assembly, sensor, IP 65/67

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

Electrical data	
Rated voltage	32 V
Rated current	4 A at 40 °C (according to IEC 61076-2-101)
Rated impulse voltage	1.5 kV
Shielding	no
Contact resistance	< 10 mΩ
Insulation resistance	≥ 100 MΩ (according to IEC 60512)
Insulation group	I
Mechanical data	
Installation size	M12
Connector type	plug
Configuration	straight
Contact type	male
Number of positions (face)	4-pin
Coding	A-coded
Wire termination	IDC
Recommended torque, nut	0.6 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	Zinc diecast / PA
Coupling nut material	GD-Zn, Ni
Contact carrier colour	black
Contact carrier material	PA, UL 94
Contact plating	Au
Contact material	CuZn
Max. wire cross section	AWG26 ... AWG22 (0.14 mm ² ... 0.34 mm ²)
Max. cable outer diameter	2.9 - 5.1 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)

Dimensions



A1	47.00 mm
A2	15.50 mm

Notes

- Illustrations similar

Ordering information	
ZS2000-1613	Plug field assembly, Sensor, IP 65/67, M12, straight, male, 4-pin, A-coded, 0.14...0.34 mm ² , Ø 2.9...5.1 mm

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

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