

ZS2000-3712 | M12 plug field assembly, sensor, IP65/67, with cold junction compensation



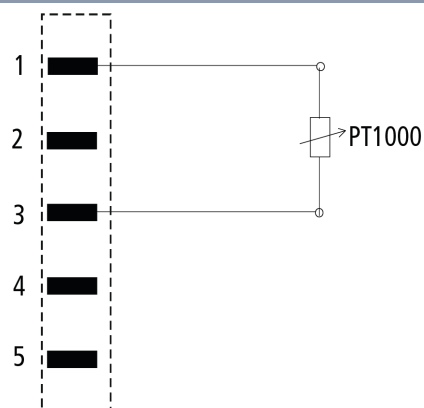
M12, plug, straight, male, 5-pin, A-coded



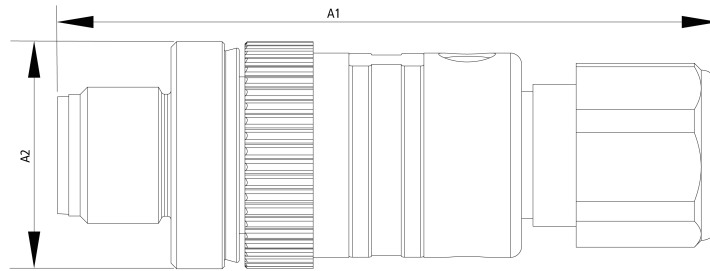
Electrical data	
Rated voltage	30 V
Rated current	4 A at 40°C (according to IEC 61076-2-101)
Rated impulse voltage	1.5 kV
Shielding	no
Contact resistance	< 5 mΩ
Insulation resistance	1 GΩ
Mechanical data	
Accessories type	Connectors
Installation size	M12
Connector type	plug
Configuration	straight
Contact type	male
Number of positions (face)	5-pin
Coding	A-coded
Wire termination	screw connection
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 color	black
Body material	PBT
Coupling nut material	CuZn, Ni
Seal	FKM
Contact carrier color	red
Contact carrier material	PBT
Contact plating	CuSnZn (white bronze)
Contact material	CuZn
Max. wire cross-section	max. 0.75 mm ² (AWG18)
Max. cable outer diameter	3.0 - 6.5 mm
Environmental data	
	Internal PT1000 for temperature compensation measurement
Special features	The M12 plug is appropriate for the temperature compensation of the field bus box modules EP3314, IE3312 and IP3312-Bxxx. The plug contains an integrated PT1000 element. The measuring thermo element can be connected through screw terminals in the plug. Over the PT1000 element the temperature will be measured at the transition thermo element on screw terminal. The temperature will be automatically compensated in the module.
RoHS compliant	yes
Ambient temperature (operation)	-25...+90°C, -13...+194°F
Protection rating	IP65/67 in screwed condition (according to IEC 60529)
Pollution level	3

Contact assembly



Dimensions



A1	~60.00 mm
A2	Ø 20.00 mm

Notes

- Illustrations similar

Ordering information

ZS2000-3712	plug, field assembly, sensor, IP65/67, M12, straight, male, 5-pin, A-coded, with cold junction compensation
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Accessories

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