

22260124	DATA SHEET	
Valid from: 17.09.2018	AB-C3-M8FS-P	

Product description

Sensor/actuator connector, straight socket M8, 3-pos.,
piercing contact, metal knurl, cable diameter max. 5 mm



General properties

Ambient temperature	-25 to +85 °C
Protection degree	IP67
Number of contacts	3
Coding	A
Outer diameter, cable	3.0 – 5.0 mm
Termination type	piercing
Termination cross section, AWG	26 – 22
Termination cross section, mm ²	0.14 – 0.38
Mating cycles	100

Electrical properties

Rated voltage	60 V
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 10 TΩ
Proof voltage, contact-contact	≥ 1.00 kV
Proof voltage, contact-housing	≥ 0.85 kV
Rated current	4 A
Overvoltage category	II
Pollution degree	3

Materials

Contact carrier	PA
Contact carrier, inflammability class in accordance with UL 94	V0
Contacts, base material	CuZn
Contacts, surface	Au
Knurl	Brass, Ni plated
Grip body	PA
Sealing	NBR

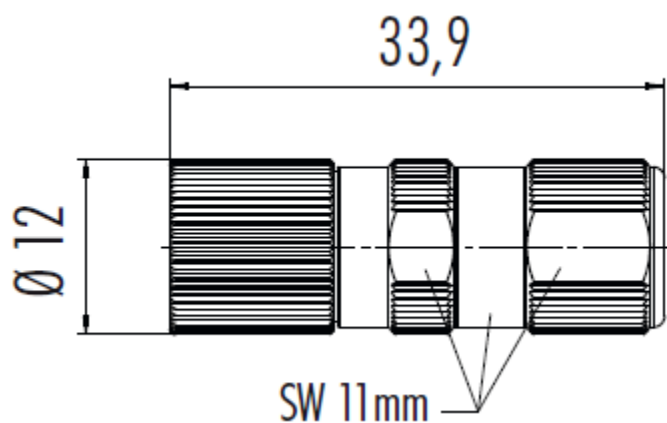
Standards

Product standard	M8-Connector acc. to DIN EN 61076-2-104
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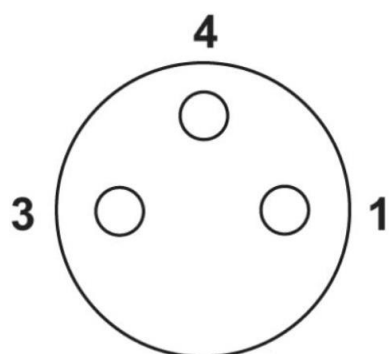
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Drawings



Pin assignment



Note

Photographs are not true to scale and do not represent detailed images of the respective products.

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