

22260640	DATA SHEET	
Valid from: 16.09.2019	AB-C4-M12FS-PG7	

Product description

Sensor/Actuator connector, straight socket, 4-pos., M12, A-coded, screw clamp connection, metal knurl, cable screw connection Pg7



General properties

Ambient temperature	-40 to +85 °C
Protection degree	IP 67
Number of contacts	4
Outer diameter, cable	4.0 – 6.0 mm
Termination type	screw clamp connection
Termination cross section, AWG (max.)	18
Termination cross section, mm ² (max.)	0.75
Mating cycles	≥ 50

Electrical properties

Rated voltage	250 V
Insulation resistance	≥ 10 ⁸ Ω
Proof voltage, contact-contact	≥ 1.4 kV
Proof voltage, contact-housing	≥ 1.4 kV
Rated current (40°)	4 A
Overvoltage category	II
Pollution degree	3

Materials

Contact carrier	PA
Contacts, base material	CuZn
Contacts, surface	CuSnZn
Locking nut	Die-cast zinc, Ni plated
Grip body	PA

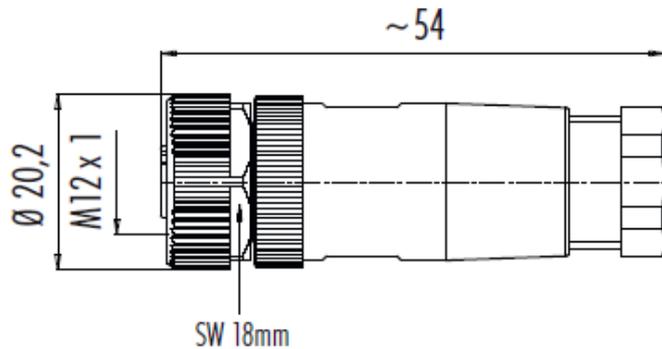
Standards

Product standard	M12-Connector acc. to DIN EN 61076-2-101
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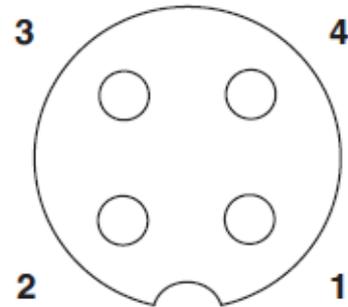
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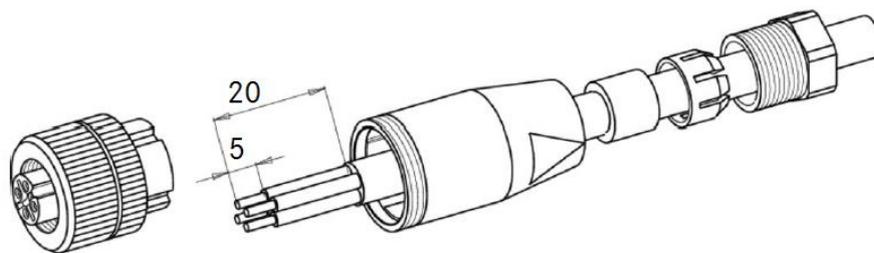
Drawings



Pin assignment



Assembly instruction



Application range

Automation, industrial machinery and plant engineering

Note

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

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