

22260133	DATA SHEET	
Valid from: 17.09.2018	AB-C4-M12FS-F0,75	

Product description

Sensor/Actuator connector, straight socket, 4-pos.,
M12, A-coded, fast connection system, metal knurl,
cable diameter max. 8 mm



General properties

Ambient temperature	-25 to +80 °C
Protection degree	IP 65 / IP 67
Number of contacts	4
Outer diameter, cable	4.0 – 8.0 mm
Termination type	insulation displacement connection (IDC)
Termination cross section, AWG	26 - 22
Termination cross section, mm ²	0.34 – 0.75

Mechanical properties

Mating cycles	100
Rewiring, same cross section	5 times
Tightening torque, locking nut	1.2 Nm

Electrical properties

Rated voltage	250 V
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 10^7 \text{ M}\Omega$
Proof voltage, contact-contact	$\geq 1.4 \text{ kV}$
Proof voltage, contact-housing	$\geq 1.4 \text{ kV}$
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	CuSn
Contacts, surface	Ni/Au
Locking nut	Die-cast zinc, Ni plated
Grip body	PA
Sealing	NBR

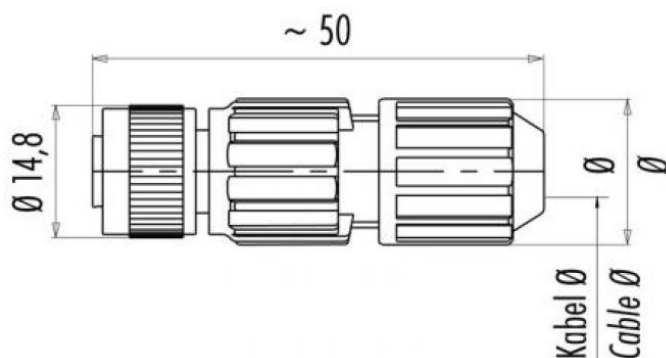
Standards

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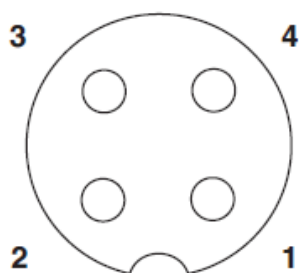
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Drawings



Pin assignment



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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