

22260133	<b>DATA SHEET</b>	
Valid from: 12.09.2019	<b>AB-C4-M12FS-F0,75</b>	

## 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 <sup>2</sup>	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
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 10 <sup>7</sup> MΩ
Proof voltage, contact-contact	≥ 1.4 kV
Proof voltage, contact-housing	≥ 1.4 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

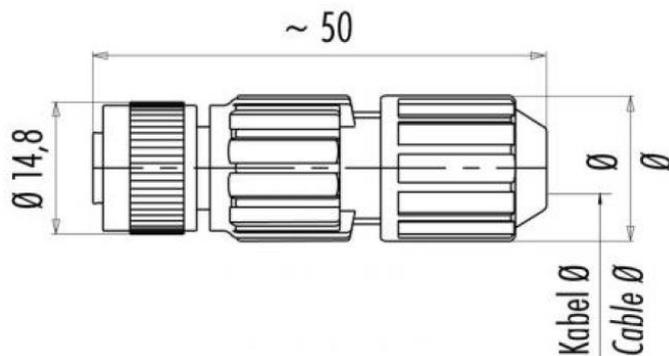
## Standards

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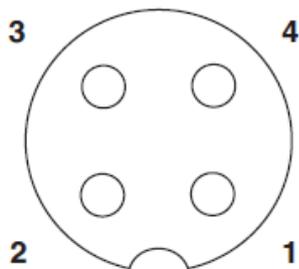
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### Drawings



### 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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