

22260045	DATA SHEET	
Valid from: 17.09.2018	AB-C4-M8FS-F0,25	

Product description

Sensor/actuator connector, straight socket M8, 4-pos.,
fast connection system, metal knurl, max. cable
diameter 5.0 mm



General properties

Ambient temperature	-25 to +80 °C
Protection degree	IP65/IP67
Number of contacts	4
Coding	A
Outer diameter, cable	2.5 – 5.0 mm
Outer diameter, wire	0.75 – 1.5 mm
Termination type	insulation displacement connection (IDC)
Termination cross section, AWG	28 – 24
Termination cross section, mm ²	0.08 – 0.25
Mating cycles	100

Electrical properties

Rated voltage	60 V
Volume resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
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	TPU
Contact carrier, inflammability class in accordance with UL 94	V0
Contacts, base material	CuSn
Contacts, surface	Ni/Au
Knurl	Brass, Ni plated
Grip body	PA

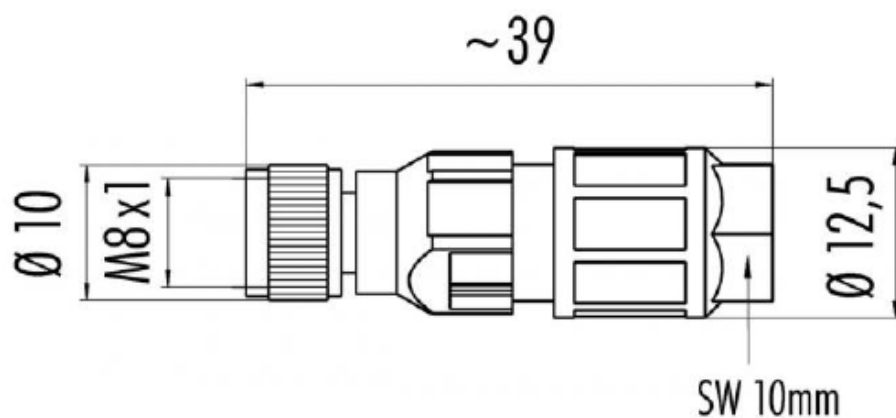
Standards

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

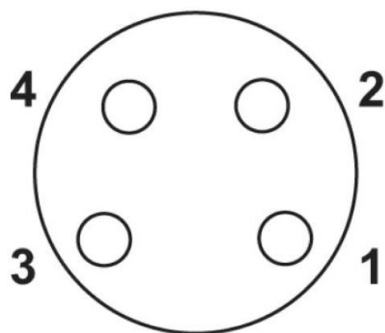
Creator: MANA2/PDP Released: IVSE1/PDP	Document: DB22260045EN Version: 02	Page 1 of 2
---	---------------------------------------	-------------

22260045	DATA SHEET	
Valid from: 17.09.2018	AB-C4-M8FS-F0,25	

Drawings



Pin assignment



Note

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

Creator: MANA2/PDP Released: IVSE1/PDP	Document: DB22260045EN Version: 02	Page 2 of 2
---	---------------------------------------	-------------