22260117	DATA SHEET	LAPP
Valid from: 17.09.2018	AB-C4-DSI-M12MS-PG9-0,5	

Description

- Sensor/Actuator flush-type plug, 4-pos., M12 quick locking
- rear/screw mounting with PG9 thread, with 0.5 m TPE litz wire, 4 x 0.34 mm^2

General characteristics

Number of poles	4
Connection type	Fixed connection
Status indicator	No
Coding	A-standard
Degree of protection	IP 67
Inflammability class acc. to UL 94	V0
Ambient temperature (operation)	-25 to +90 °C (-13 to 194 °F) (cable fixed installation) -25 to +85 °C (-13 to 185 °F) (connector)

Electrical properties

Nominal voltage U_N	250 V
Nominal current I_N	4 A
Surge voltage category	II
Pollution degree	3
Insulation resistance	20 mΩ*km
Contact resistance	3 mΩ

Mechanical properties

Connector

Contact, material	CuZn
Contact surface, material	Au
Contact carrier, material	PA66
Knurl, material	Zinc die-cast (nickel-plated)
Sealing, material	NBR

Line

Cable type	TPE litz wire
Conductor, material	Tin plated copper litz wires
Core insulation, material	PE
Conductor diameter including insulation	1.2 mm
Conductor cross section	0.34 mm^2
AWG signal line	22

Standard

M12-plug	IEC 61076-2-101

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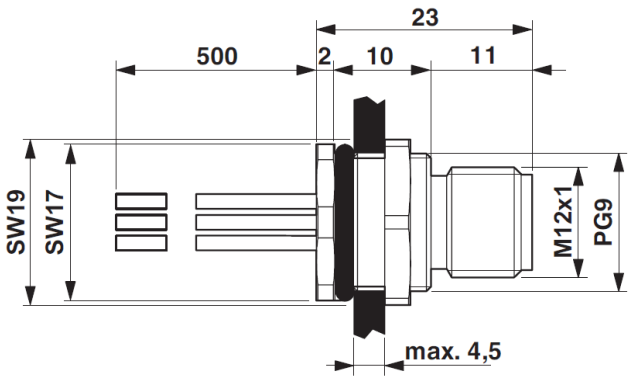
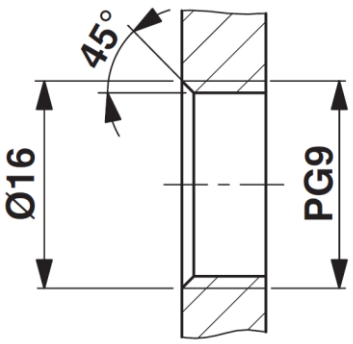
Technical drawing

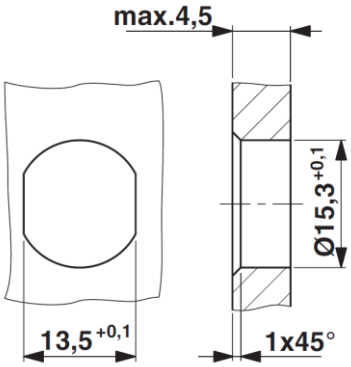
Dimensional drawing



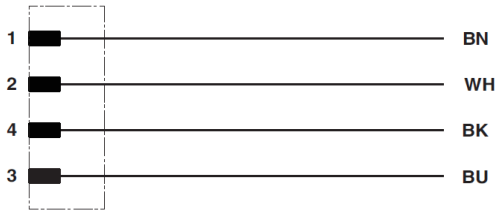
Dimensional drawing



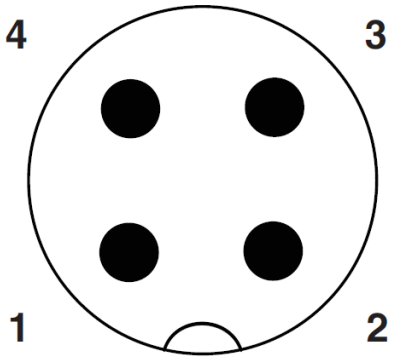
Dimensional drawing



Circuit diagram



Drawing



Application range

Connection of enclosures and cabinets

Note

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

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