

SACC-E-M12MS-5CON-PG9/0,5

Order No.: 1671111



Sensor/Actuator flush-type plug, 5-pos., M12, A-coded, front/screw mounting with PG9 thread, with 0.5 m TPE litz wire, 5 x 0.34 mm²

Commercial data

EAN	 4 017918 134969
Pack	1
Customs tariff	85366990
Catalog page information	Page 26 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2006-01-24



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ
Insulation resistance	> 100 MΩ
Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA66
Material, knurls	Nickel-plated brass
Sealing material	NBR
Mounting type	Front mounting Pg9
Type of connection	Individual wires
Status display	No

Conductor data

Cable type	TPE litz wire
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	1.2 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown, blue, white, gray
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 57.6 Ω/km
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

Certificates

Certification

CUL, GOST, UL

Accessories

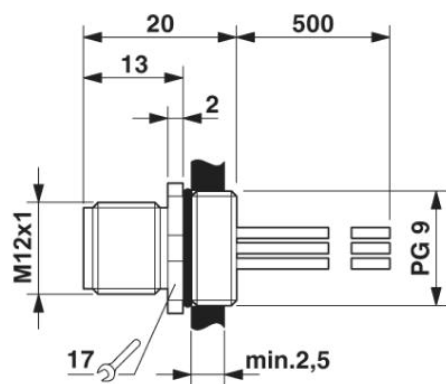
Item	Designation	Description
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Assembly

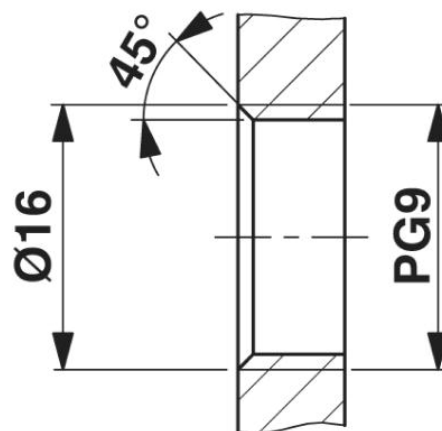
1504084	SACC-E-MU-PG9	Flat nut with Pg9 thread
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Drawings

Dimensioned drawing

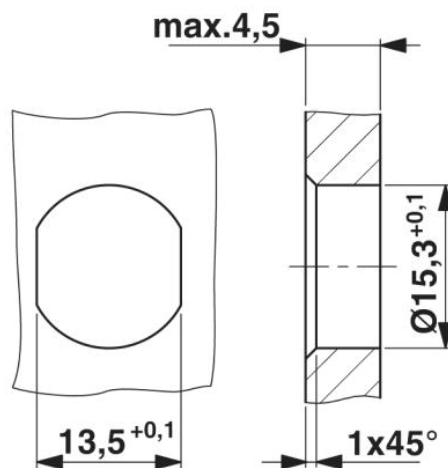


M12 flush-type connector, can be positioned

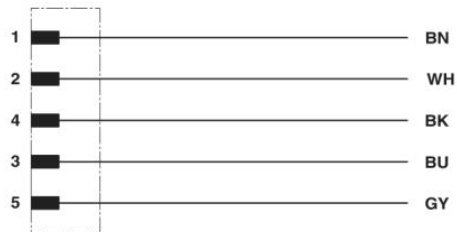


Housing cutout for Pg9 fastening thread, mounting panel with thread

Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

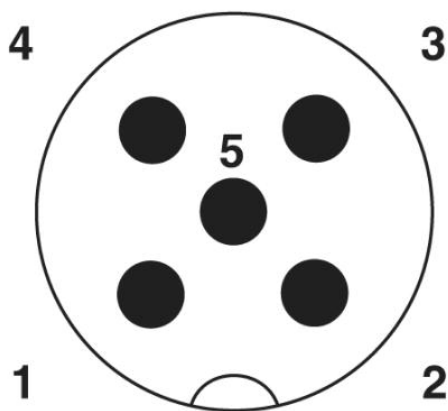


Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side