

SACC-EC-M12MS-8CON-PG9/0,5

Order No.: 1513787



Sensor/Actuator flush-type plug, 8-pos., M12, A-coded, front/screw mounting with PG9 thread, can be positioned, with 0.5 m TPE litz wire, 8 x 0.25 mm²

Commercial data

EAN	 4 017918 914677
Pack	1
Customs tariff	85444290
Catalog page information	Page 25 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2010-11-30



Technical data

General data

Rated current at 40°C	2 A
Rated voltage	30 V
Number of positions	8
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)
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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 GF
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Mounting type	Front mounting Pg9 With locking nut
Type of connection	Individual wires
Status display	No

Conductor data

Cable type	TPE litz wire
Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.15 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Brown, blue, white, gray, pink, green, yellow, red
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 80 mΩ/m
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

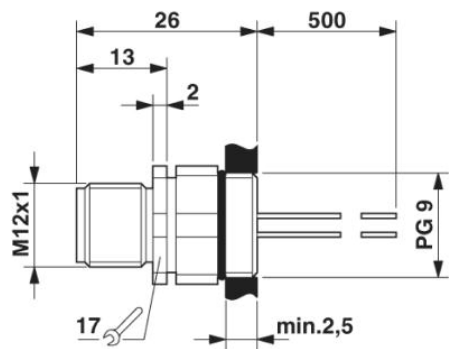
Certification UL

Accessories

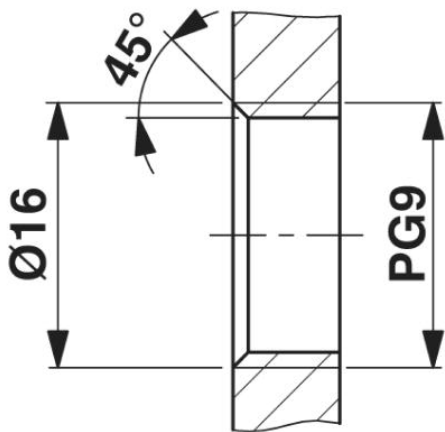
Item	Designation	Description
Assembly		
1504084	SACC-E-MU-PG9	Flat nut with Pg9 thread

Drawings

Dimensioned drawing

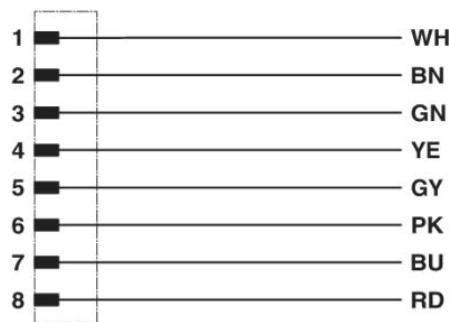


M12 flush-type connector, can be positioned



Housing cutout for Pg9 fastening thread, mounting panel with thread

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram

Pin assignment M12 plug, 8-pos., view plug side

