Extract from the online catalog

SACC-E-M12FS-4CON-PG 9/0,5 VA

Order No.: 1555448



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1555448

Sensor/actuator flush-type socket, 4-pos., M12, A-coded, front/screw mounting with PG9 thread, with 0.5 m TPE litz wire, 4 x 0.25 mm², high-grade steel version

Product notes

WEEE/RoHS-compliant since: 11/10/2006

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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. The General Terms and Conditions of Use apply to Internet downloads.

Commercial data

GTIN (EAN)	4 046356 170253
sales group	D125
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 144 (PC-2009)

Technical data

General data

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
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

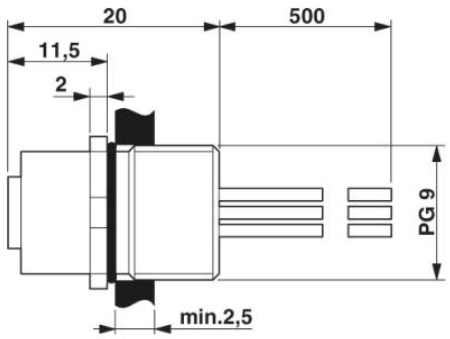
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67/IP69K
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA66 GF
Material, knurls	High-grade steel
Sealing material	NBR
Type of connection	Individual wires
Status display	No

Conductor data

Cable type	TPE litz wire
Conductor cross section	0.25 mm²
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	Black, brown, blue, white
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 80 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)

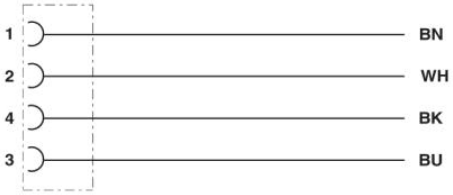
Diagrams/Drawings

Dimensioned drawing



M12 flush-type socket

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

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