

SACC-E-M12MS-4CON-PG 9/0,5 VA

Order No.: 1554555

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1554555>

Sensor/actuator flush-type connector, 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

Commercial data

EAN	4046356170307
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	0.0189 KG
Catalog page information	Page 144 (PC-2009)

Product notes

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



[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
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.

Technical data**General data**

Nominal current I _N	4 A
Nominal voltage U _N	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 (plug/socket)
	-25 °C ... 90 °C (cable, fixed installation)

General characteristics

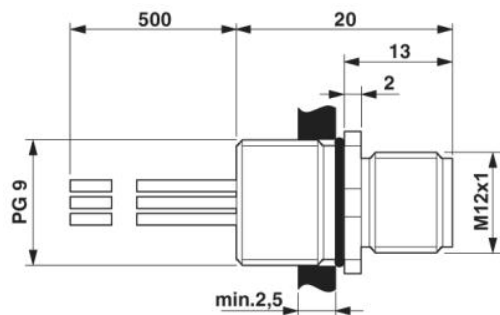
Coding	A - standard
Inflammability class acc. to UL 94	V0
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67/IP69K
Contact material	Cu alloy
Contact surface material	Au
Contact carrier material	PA66 GF
Material, knurls	High-grade steel
Sealing material	NBR
Mounting type	Front mounting, Pg9 thread
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	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

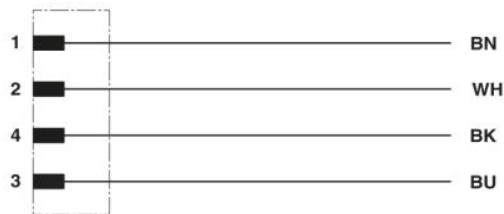
Drawings

Dimensioned drawing



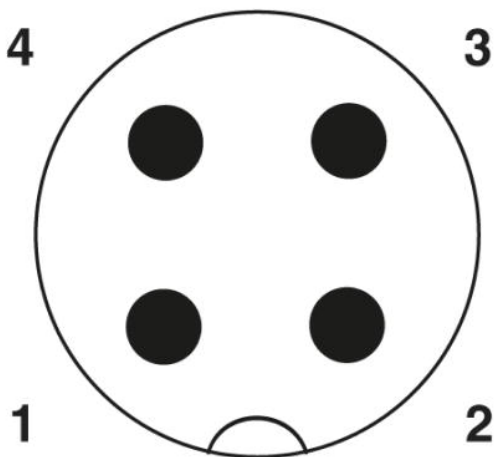
M12 flush-type plug

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side

Address

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 00
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



© 2009 Phoenix Contact
Technical modifications reserved;