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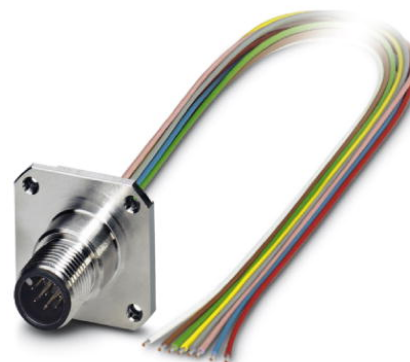
sales@integrated-circuit.com



Extract from the online
catalog

SACC-E-M12MS-8CON-SQ26/0,5

Order No.: 1514760



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1514760>

Sensor/Actuator flush-type plug, 8-pos., M12, A-coded, front/square
flange mounting, with 0.5 m TPE litz wire, 8 x 0.25 mm²

Commercial data

GTIN (EAN)	
sales group	D125
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 38 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
01/13/2006



<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

Rated current at 40°C	2 A
Rated voltage	30 V
Number of positions	8
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ

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Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP54
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA66 GF
Material, knurls	Nickel-plated brass
Sealing material	NBR
Mounting type	Front mounting Square flange
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 / Approvals



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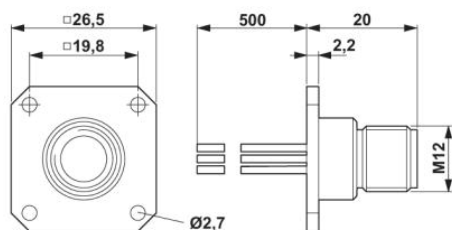
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Certification

UL

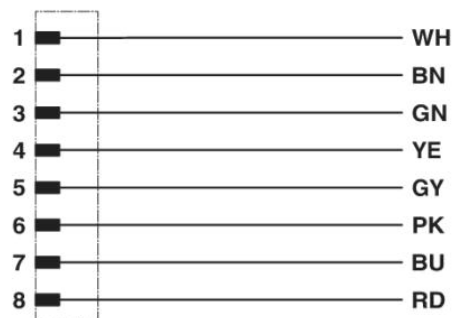
Diagrams/Drawings

Dimensioned drawing



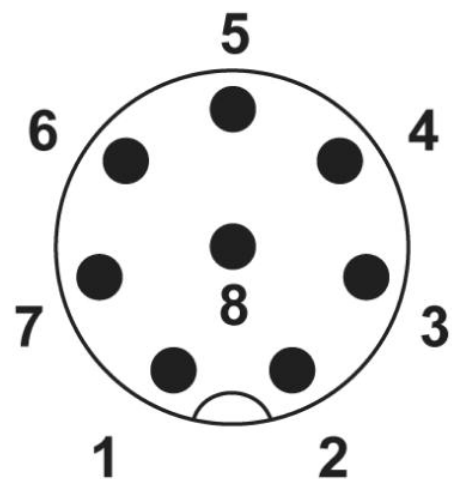
M12 flush-type connector

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



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

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Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



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