


**SACC-DSI-M12MS-8CON-PG9/0,5 VA**

Order No.: 1554694

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1554694>

Sensor/actuator flush-type connector, 8-pos., M12, rear/screw mounting with PG9 thread, with 0.5 m TPE litz wire, 8 x 0.25 mm<sup>2</sup>, high-grade steel version

**Commercial data**

GTIN (EAN)	 4 046356 170390
sales group	D125
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 144 (PC-2009)

**Product notes**

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



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**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)

#### General characteristics

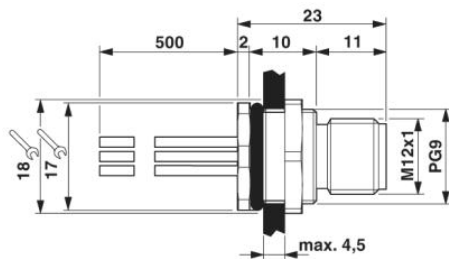
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67/IP69K
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	High-grade steel
Sealing material	NBR
Type of connection	Individual wires
Status display	No

#### Conductor data

Cable type	TPE litz wire
Conductor cross section	0.25 mm <sup>2</sup>
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 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)

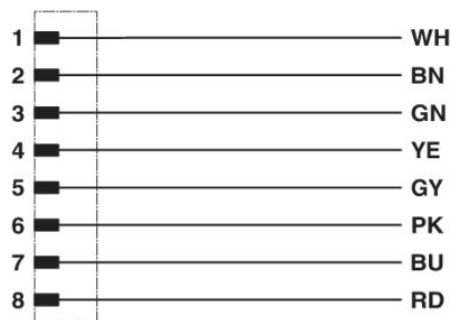
## Diagrams/Drawings

Dimensioned drawing



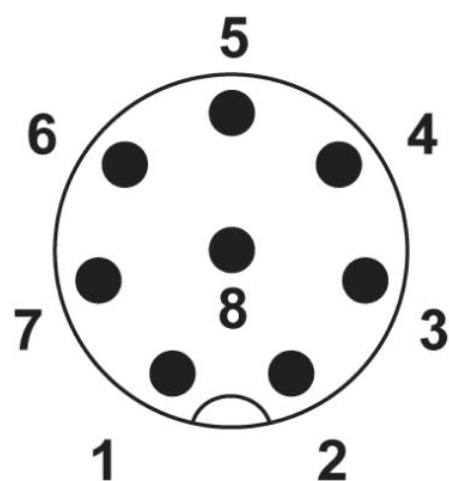
M12 flush-type connector

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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