


SACC-DSI-M12FS-5CON-PG9/0,5 VA

Order No.: 1554717

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1554717>

Sensor/actuator flush-type plug, 5-pos., M12, A-coded, rear/screw mounting with PG9 thread, with 0.5 m TPE litz wire, 5 x 0.25 mm², high-grade steel version

Commercial data

GTIN (EAN)	 4 046356 170369
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	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ

Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (Male connector / female connector)

General characteristics

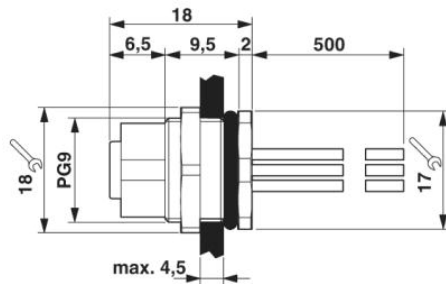
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67/IP69K
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	High-grade steel
Sealing material	NBR
Type of connection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

Conductor data

Cable type	TPE litz wire
Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.15 mm \pm 0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown, blue, white, gray
Insulation resistance	$\geq 20 \text{ M}\Omega \cdot \text{km}$
Conductor resistance	$\leq 80 \text{ }\Omega/\text{km}$
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)

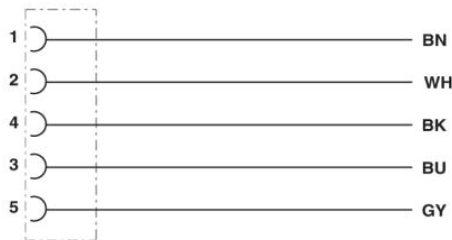
Diagrams/Drawings

Dimensioned drawing



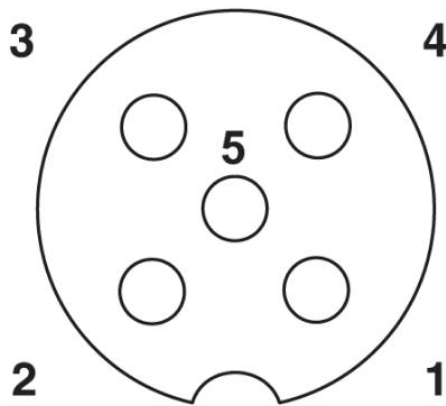
M12 flush-type socket

Circuit diagram



Contact assignment of the M12 socket

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

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