

SACC-EC-M12MS-5CON-PG9/0,5

Order No.: 1671124

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1671124>

Sensor/Actuator flush-type plug, 5-pos., M12, A-coded, front/screw mounting with PG9 thread, can be positioned, with 0.5 m TPE litz wire, 5 x 0.34 mm²

Commercial data

EAN	4017918134976
Pack	1 pcs.
Customs tariff	85444290
Weight/Piece	0.02603 KG
Catalog page information	Page 25 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
04/27/2006



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Technical data**General data**

Nominal current I _N	4 A
Nominal voltage U _N	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ

Insulation resistance	> 10 Ω
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
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA66 GF
Material, knurls	Nickel-plated brass
Sealing material	NBR
Mounting type	Front mounting Pg9
Type of connection	Individual wires
Status display	No

Conductor data

Cable type	TPE litz wire
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure, signal line	7x 0.25 mm
Core diameter including insulation	1.2 mm $\pm$ 0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown, blue, white, gray
Insulation resistance	$\geq$ 20 M Ω *km
Conductor resistance	$\leq$ 57.6 Ω /km
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires

Certificates / Approvals



Certification

CUL, GOST, UL

CUL

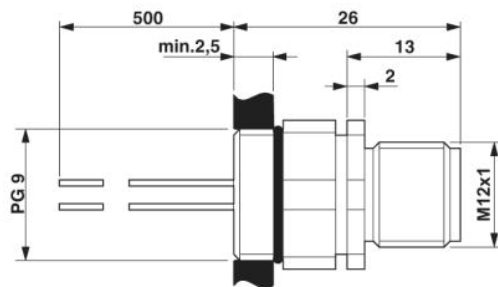
Nominal voltage U_N	125 V
Nominal current I_N	4 A

UL

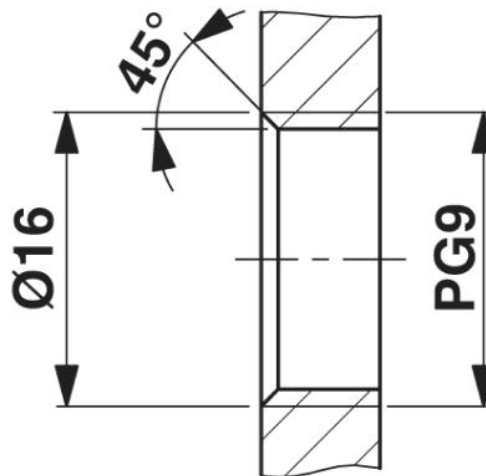
Nominal voltage U_N	125 V
Nominal current I_N	4 A

Drawings

Dimensioned drawing

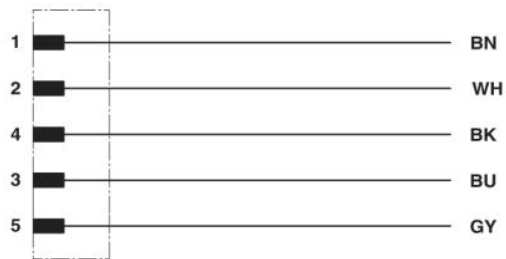


Flush-type plug M12, can be positioned



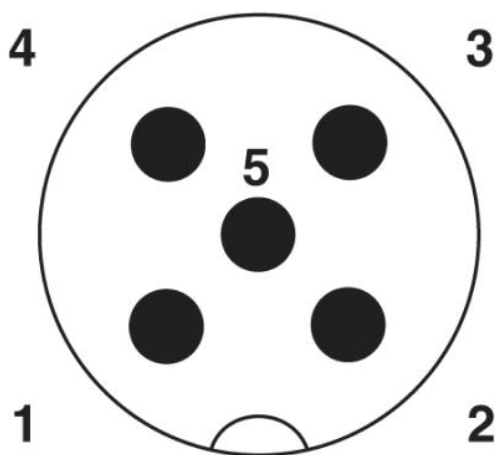
Housing cutout for Pg9 fastening thread,
mounting panel with thread

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

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