

SACC-E-M12FS-5CON-PG9/0,5

Order No.: 1671098

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1671098>

Sensor/Actuator flush-type socket, 5-pos., M12, A-coded, front/screw mounting with Pg9 thread, with 0.5 m TPE litz wire, 5x 0.34 mm²

Commercial data

EAN	4017918134945
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	0.02299 KG
Catalog page information	Page 26 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
03/10/2006



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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	$\leq 3 \text{ m}\Omega$
Insulation resistance	$> 10 \Omega$

Length of cable	0.5 m
Ambient temperature (operation)	-25 °C ... 85 °C (plug/socket)
	-25 °C ... 90 °C (cable, fixed installation)
Pg screw connection	Pg9

General characteristics

Coding	A - standard
Inflammability class acc. to UL 94	V0
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 thread
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 ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown, blue, white, gray
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≤ 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

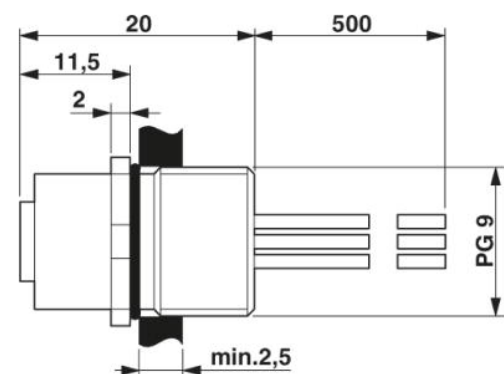
Nominal voltage U_N	125 V
Nominal current I_N	4 A

UL

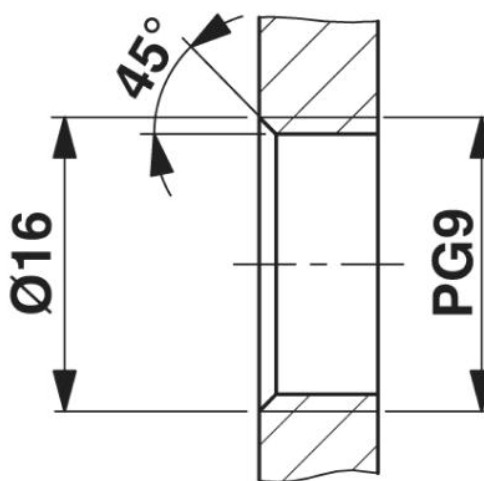
Nominal voltage U_N	125 V
Nominal current I_N	4 A

Drawings

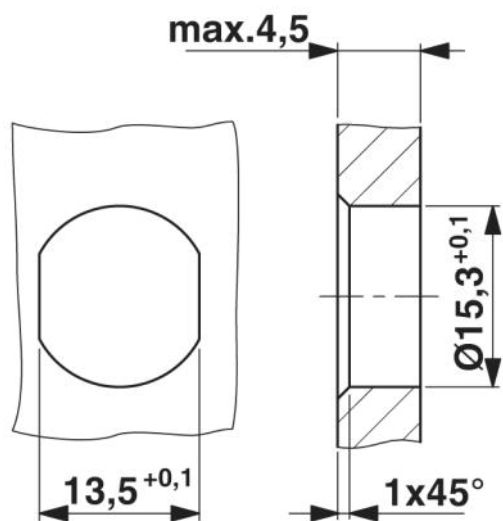
Dimensioned drawing



M12 flush-type connector

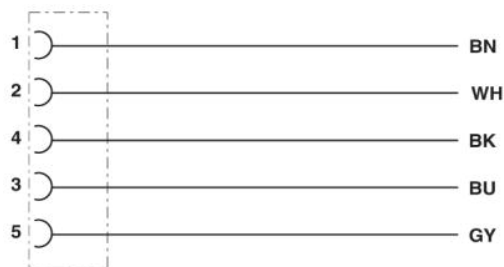


Housing cutout for Pg9 fastening thread,
mounting panel with thread



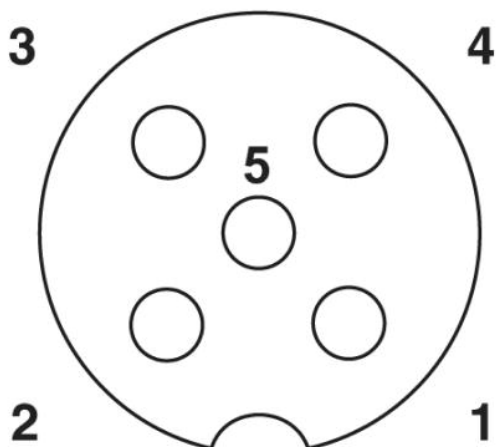
Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



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

Address

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



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