Extract from the online catalog

SACC-E-FSB-5CON-M16/0,5 SCO

Order No.: 1520000



http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1520000

Fieldbus flush-type socket, INTERBUS/PROFIBUS, 5-pos., M12 SPEEDCON, B-coded, front/screw mounting with M16 thread, with 0.5 m TPE litz wire, 5x0.25 mm²

Product notes

WEEE/RoHS-compliant since: 08/09/2006

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.

Commercial data

GTIN (EAN)	4 046356 020091
sales group	D125
Pack	1 pcs.
Customs tariff	85444290
Catalog page information	Page 26 (PC-2009)

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	≥ 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	B - inverse
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Mounting type	Front mounting M16 x 1.5
Type of connection	Individual wires
Status display	No

Conductor data

Cable type	TPE litz wire
Conductor cross section	0.34 mm²
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 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

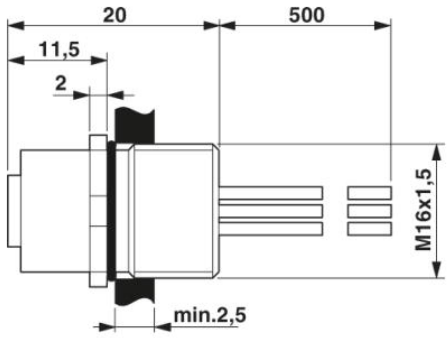
Certification	UL

Accessories

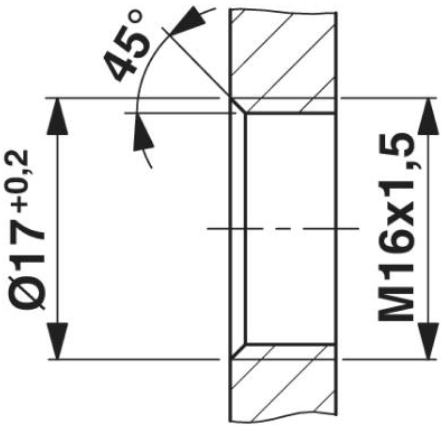
Item	Designation	Description
Assembly		
1504097	SACC-E-MU-M16	Flat nut with M16 thread

Diagrams/Drawings

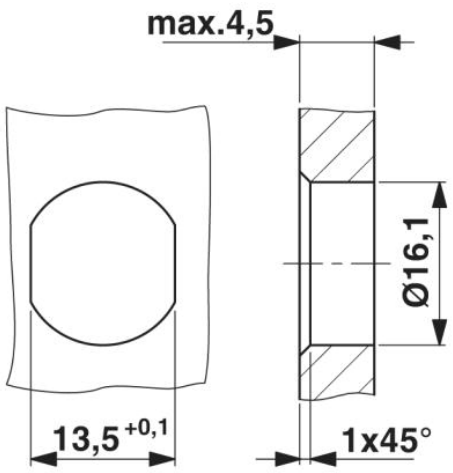
Dimensioned drawing



M12 flush-type connector

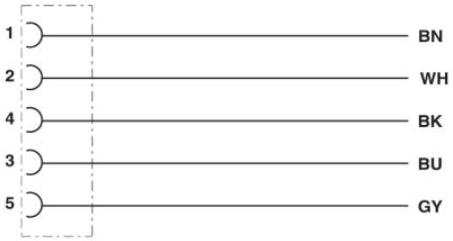


Housing cutout for M16 fastening thread, mounting panel with thread



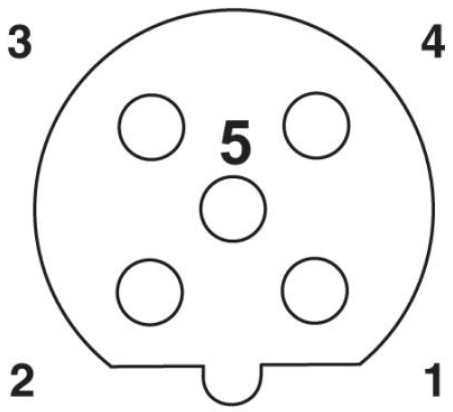
Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



Pin assignment M12 female connector, 5-pos., B-coded, female side

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