

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

Order No.: 1520013



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



Commercial data

EAN	 4 046356 020107
Pack	1
Customs tariff	85444290
Catalog page information	Page 26 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2008-01-01



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)
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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	Ni/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 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 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

Certification

UL

Accessories

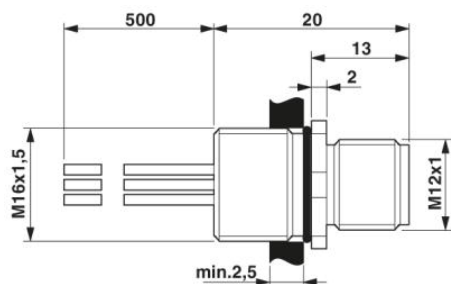
Item	Designation	Description
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Assembly

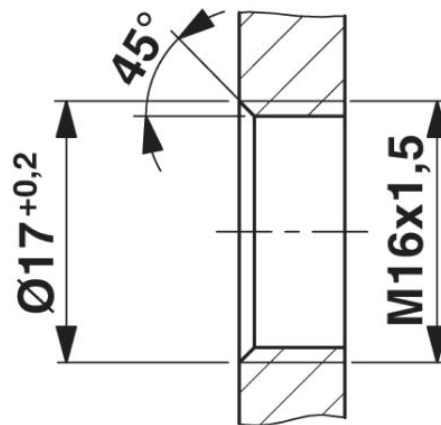
1504097	SACC-E-MU-M16	Flat nut with M16 thread
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Drawings

Dimensioned drawing

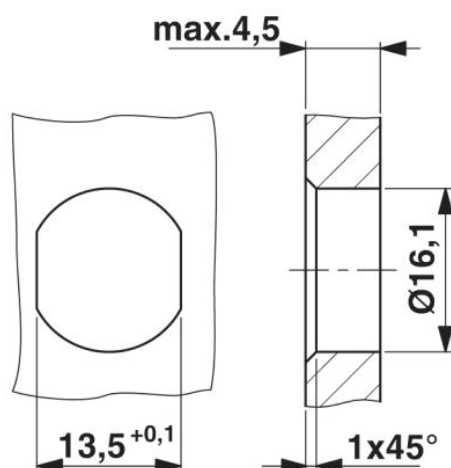


M12 flush-type connector

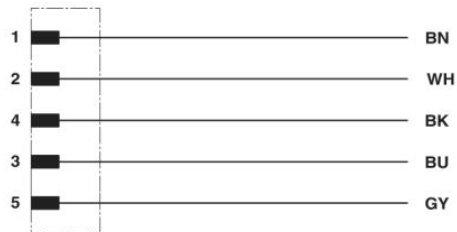


Housing cutout for M16 fastening thread, mounting panel with thread

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

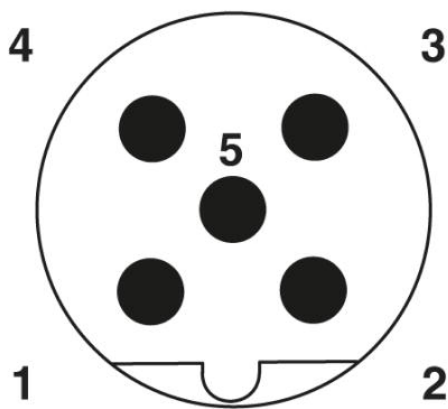


Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



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