

SACC-E-FS-4CON-M16/0,5 SCO

Order No.: 1523434



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Sensor/actuator flush-type socket, 4-pos., M12 SPEEDCON, A-coded, front/screw mounting with M16 thread, with 0.5 m TPE litz wire, 4 x 0.34 mm²



Commercial data

EAN	 4 046356 021265
Pack	1 pcs.
Customs tariff	85366990
Gross weight in pieces	0.0205 KG
Net weight per piece (exclusive packing)	0.02042 KG
Catalog page information	Page 28 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
12/20/2005



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Technical data

General data

Rated current at 40°C	4 A
Rated voltage	250 V
Number of positions	4
Volume resistance	≤ 3 mΩ

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

General characteristics

Standards/regulations	M12 plug-in connector IEC 61076-2-101
Coding	A - standard
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
Connection method	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 (Core insulation)
Wire colors	brown, white, blue, black
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires
Insulation resistance	$\geq 20 \text{ M}\Omega \cdot \text{km}$
Conductor resistance	$\leq 57.6 \text{ m}\Omega/\text{m}$
Nominal voltage, conductor	300 V
Test voltage, conductor	2000 V AC
Ambient temperature (operation)	-25 °C ... 90 °C (cable, fixed installation)

Certificates / Approvals



Certification GOST, UL Recognized

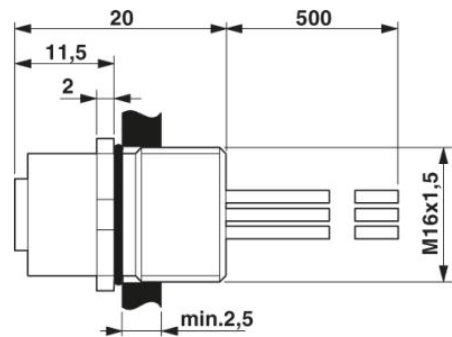
Certifications applied for:
Certification Ex:

Accessories

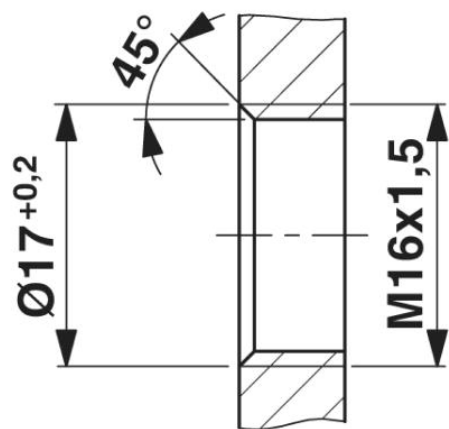
Item	Designation	Description
Assembly		
1504097	SACC-E-MU-M16	Flat nut with M16 thread

Diagrams/Drawings

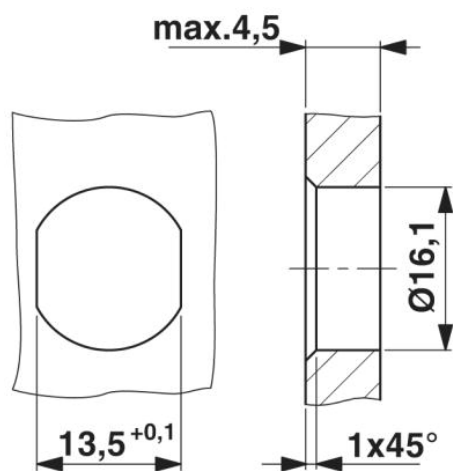
Dimensioned drawing



M12 flush-type connector

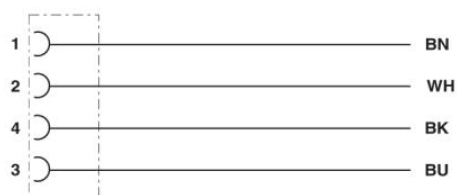


Housing cutout for M16 fastening thread,
mounting panel with thread



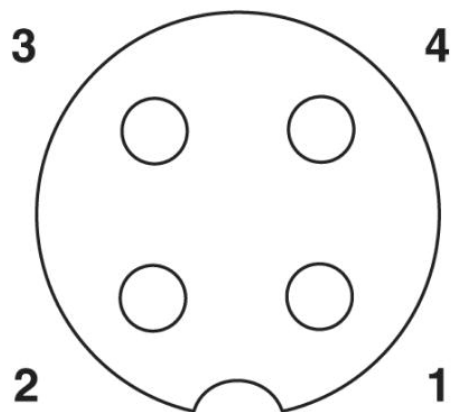
Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Circuit diagram



Contact assignment of the M12 socket

Schematic diagram



Pin assignment M12 socket, 4-pos., A-coded, view female side

Address

PHOENIX CONTACT Ltd
Halesfield 13
Telford Shropshire TF7 4PG,GB
Phone 01952 681 700
Fax 01952 681 799
<http://www.phoenixcontact.co.uk>



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