

SACC-E-M12FS-4CON-M16/0,5**This product has been replaced by a newer version.**

Order No.: 1501618

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1501618>

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

Commercial data

GTIN (EAN)	 4 017918 821456
Note	Made-to-order
sales group	D125
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 20 (PC-2007)

Product notes

WEEE/RoHS-compliant since:
02/22/2006



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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 (Male connector / female connector)

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	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
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
Material conductor insulation	TPE
Conductor material	Tin-plated Cu litz wires

Certificates / Approvals



Certification

CUL, GOST, UL

Accessories

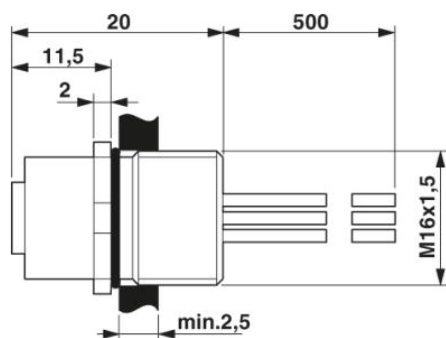
Item	Designation	Description
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Assembly

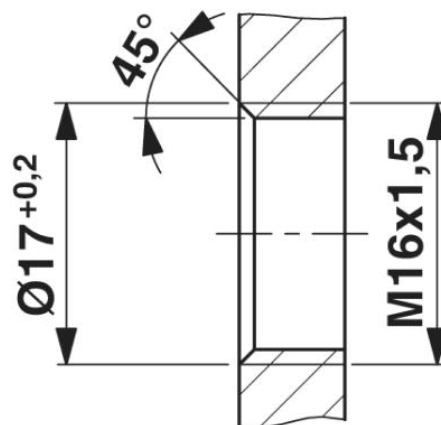
1504097	SACC-E-MU-M16	Flat nut with M16 thread
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Diagrams/Drawings

Dimensioned drawing

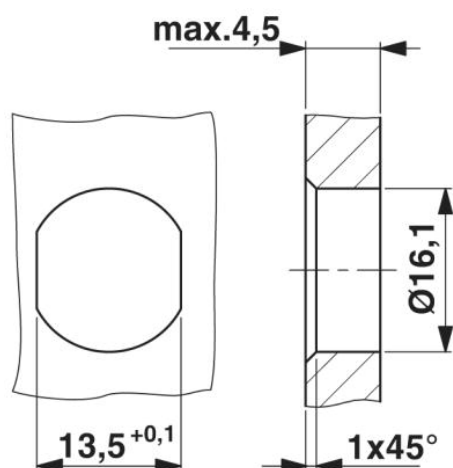


M12 flush-type connector

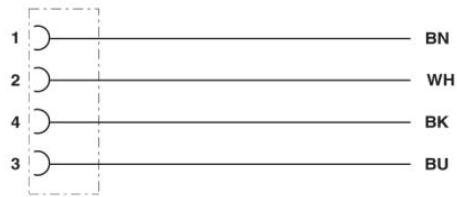


Housing cutout for M16 fastening thread,
mounting panel with thread

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

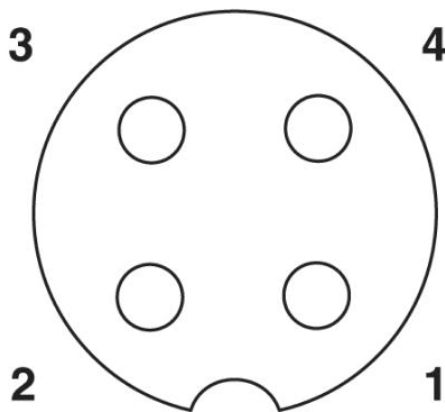


Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Schematic diagram



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

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