


# SACC-E-M 8FS-4CON-M8/0,5

Order No.: 1500363



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1500363>

Sensor/actuator flush-type socket, 4-pos., M8, front/screw mounting, with M8 thread, with 0.5 m TPE litz wire, 4 x 0.25 mm<sup>2</sup>

Commercial data	
GTIN (EAN)	 4 017918 589073
sales group	D125
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 22 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
07/16/2010



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## Technical data

General data	
Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
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	M8 connector IEC 61076-2-104
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR
Material, knurls	Nickel-plated brass
Sealing material	Viton
Mounting type	Front mounting M8 x 0.5
Type of connection	Individual wires
Status display	No

#### Conductor data

Cable type	TPE litz wire
Conductor cross section	0.25 mm <sup>2</sup>
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.15 mm ±0.07 mm
Thickness, insulation	0.21 mm
Wire colors	Black, brown, blue, white
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	≥ 80 Ω/km
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

CUL, GOST, UL

**Accessories**

Item	Designation	Description
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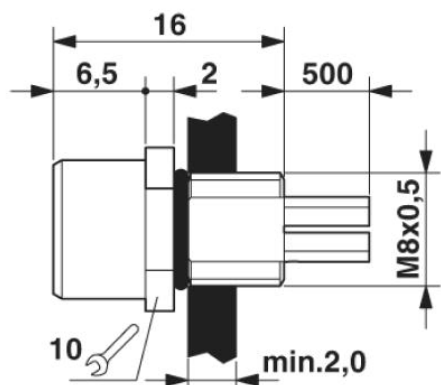
**Assembly**

1504071	SACC-E-MU-M 8	Flat nut with M8 thread
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**Diagrams/Drawings**

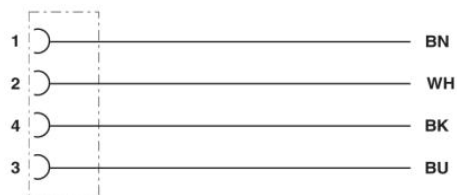
Dimensioned drawing

M8 flush-type socket



Circuit diagram

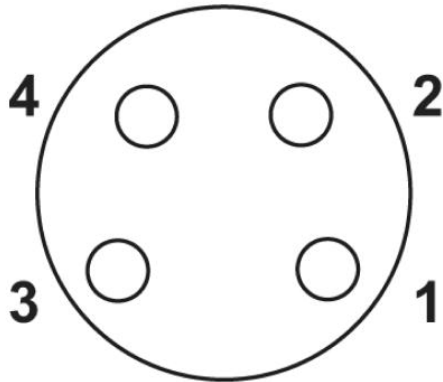
Contact assignment of M8 plugs/sockets



Schematic diagram

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Pin assignment M8 socket, 4-pos., view female side



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