



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 mm²

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



[http://
www.download.phoenixcontact.com](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.

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 ² |
| 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 |
|------|-------------|-------------|
|------|-------------|-------------|

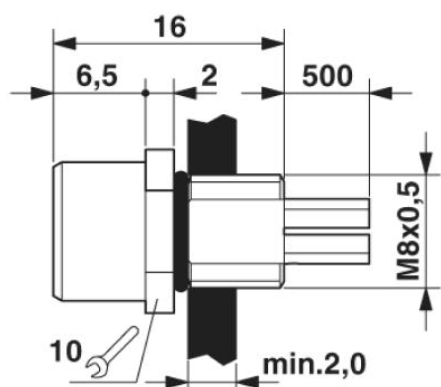
Assembly

| | | |
|---------|---------------|-------------------------|
| 1504071 | SACC-E-MU-M 8 | Flat nut with M8 thread |
|---------|---------------|-------------------------|

Diagrams/Drawings

Dimensioned drawing

M8 flush-type socket



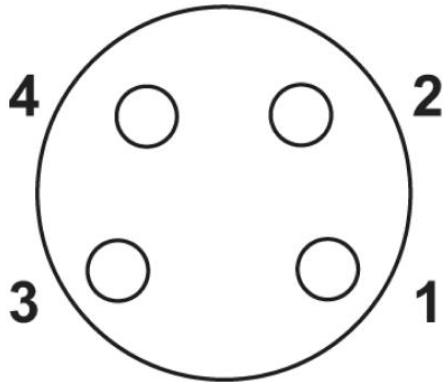
Circuit diagram

Contact assignment of M8 plugs/sockets



Schematic diagram

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



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