



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-M 8FS-4CON-M-0,34-SH

Order No.: 1542910



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1542910>

Sensor/actuator connector, female, straight, 4-pos., M8, shielded,
screw connection, metal knurl, cable diameter max. 5.2 mm

Commercial data

| | |
|--------------------------|-------------------|
| GTIN (EAN) | 4 046356 097796 |
| sales group | D124 |
| Pack | 1 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 43 (PC-2009) |

Product notes

WEEE/RoHS-compliant since:
05/01/2006



<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

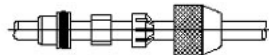
General data

| | |
|-----------------------|----------|
| Rated current at 40°C | 4 A |
| Rated voltage | 30 V |
| Number of positions | 4 |
| Volume resistance | ≤ 3 mΩ |
| Insulation resistance | ≥ 100 MΩ |

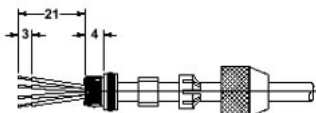
| | |
|--|--|
| Ambient temperature (operation) | -40 °C ... 85 °C (Male connector / female connector) |
| General characteristics | |
| Standards/regulations | M8 connector IEC 61076-2-104 |
| Coding | A - standard |
| Surge voltage category | II |
| Pollution degree | 3 |
| Degree of protection | IP67 |
| Contact material | CuSn |
| Contact surface material | Au |
| Contact carrier material | PUR / PA66 |
| Material of grip body | Nickel-plated brass |
| Material, knurls | Nickel-plated brass |
| Sealing material | NBR |
| Type of connection | Screw connection |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 0.34 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 22 |
| External cable diameter | 3.5 mm ... 5.2 mm |
| Status display | No |

Diagrams/Drawings

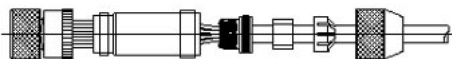
Functional drawing



Slide parts onto the conductor



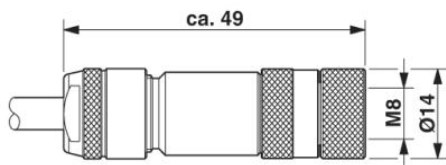
Strip conductor, widen shield and lay around the shielding ring, cut off projecting mesh.



Slide cores through the housing, mount shielding ring, gasket and clamping cage. Tighten pressure screw to fix the cable. Solder on cores, mount male/female connector part and tighten pressure screw.

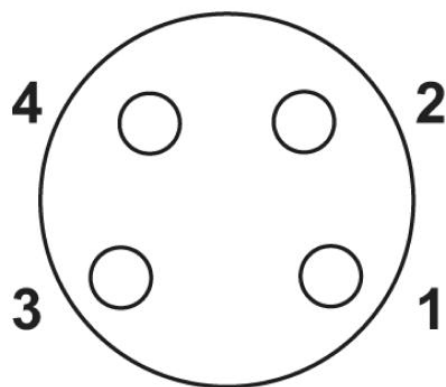
Assembly steps for M8 male/female connector and conductor

Dimensioned drawing



Socket M8 x 1, straight, shielded

Schematic diagram



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

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