



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 8MS-3PCON

Order No.: 1506752

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1506752>

Sensor/actuator connector, male, straight, 3-pos., M8, Piercecon[®],
metal knurl, cable diameter max. 5 mm

Commercial data

| | |
|--------------------------|---|
| GTIN (EAN) |  4 017918 892678 |
| sales group | D120 |
| Pack | 1 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 41 (PC-2009) |

Product notes

WEEE/RoHS-compliant since:
03/10/2006



[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
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here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
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Technical data**General data**

| | |
|-----------------------|--------|
| Rated current at 40°C | 4 A |
| Rated voltage | 60 V |
| Number of positions | 3 |
| Volume resistance | ≤ 3 mΩ |

| | |
|---------------------------------|--|
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Ambient temperature (operation) | -25 °C ... 90 °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 | IP68 |
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA 66 |
| Material of grip body | PA 66 |
| Material, knurls | Nickel-plated brass |
| Sealing material | NBR |
| Type of connection | Piercecon® |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 0.38 mm ² |
| Conductor cross section AWG/kcmil min. | 22 |
| Conductor cross section AWG/kcmil max | 26 |
| External cable diameter | 3 mm ... 5 mm |
| Status display | No |

Certificates / Approvals

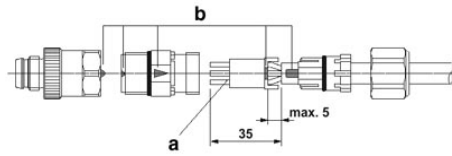


Certification

GOST

Diagrams/Drawings

Functional drawing



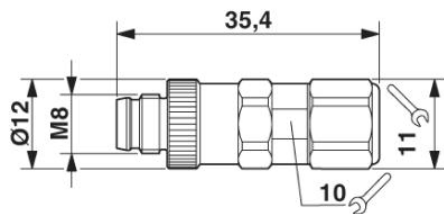
Assembly steps for M8 plug connector with Piercecon® connection

a = Cut flush

b = Coding

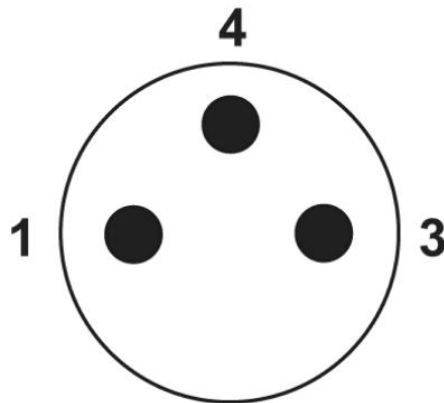
Strip the conductor by approx. 35 mm and slide on the union nut and cable clamp type cage. Without stripping the insulation of the individual cores, guide them into the corresponding chamber of the elastic core clamping and cut them off flush on the contact side. The coding marks must be flush when mounted.

Dimensioned drawing



M8 x 1 male connector, straight version

Schematic diagram



Pin assignment M8 plug, 3-pos., view male side

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