

## SACC-M12MS-8CON-PG9-M

Order No.: 1513334



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1513334>

Sensor/actuator connector, male, straight, 8-pos., M12, A-coded, screw connection, metal knurl, cable screw connection Pg9

| Commercial data          |                   |
|--------------------------|-------------------|
| EAN                      | 4017918910938     |
| Pack                     | 1 pcs.            |
| Customs tariff           | 85366990          |
| Weight/Piece             | 0.0227 KG         |
| Catalog page information | Page 45 (PC-2009) |

### Product notes

WEEE/RoHS-compliant since:  
03/21/2006



<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          |                            |
|-----------------------|----------------------------|
| Nominal current $I_N$ | 2 A                        |
| Nominal voltage $U_N$ | 30 V                       |
| Number of positions   | 8                          |
| Volume resistance     | $\leq 3 \text{ m}\Omega$   |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |

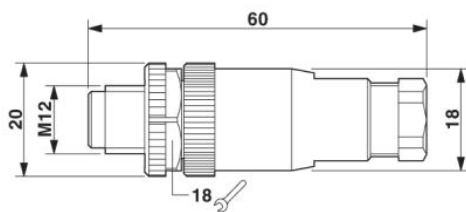
|                                 |                                |
|---------------------------------|--------------------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C (plug/socket) |
|---------------------------------|--------------------------------|

**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               | PA 66                          |
| Material of grip body                  | PBT                            |
| Material, knurls                       | Zinc die-cast, (nickel-plated) |
| Sealing material                       | NBR                            |
| Type of connection                     | Screw connection               |
| Conductor cross section stranded min.  | 0.25 mm <sup>2</sup>           |
| Conductor cross section stranded max.  | 0.75 mm <sup>2</sup>           |
| Conductor cross section AWG/kcmil min. | 24                             |
| Conductor cross section AWG/kcmil max  | 18                             |
| Min. diameter                          | 6 mm                           |
| Max. diameter                          | 8 mm                           |
| Status display                         | No                             |

**Diagrams/Drawings**

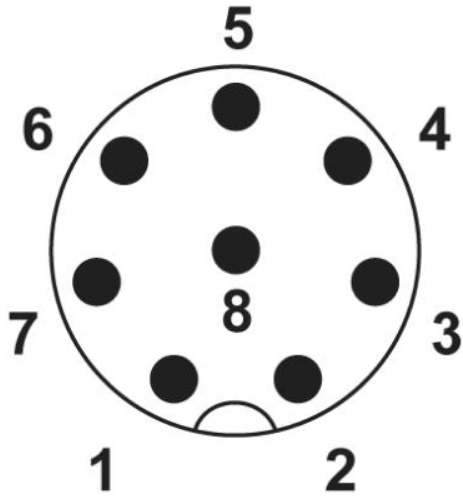
Dimensioned drawing



M12 x 1 male connector, straight

Schematic diagram

Pin assignment M12 plug, 8-pos., A-coded, view plug side



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2010 Phoenix Contact  
Technical modifications reserved;