



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-FR-5CON-PG 9-M SCO**

Order No.: 1543414

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1543414>

Sensor/actuator connector, female, angled, 5-pos., M12 SPEEDCON,  
A-coded, screw connection, metal knurl, cable screw connection PG 9

**Commercial data**

GTIN (EAN)	 4 046356 097567
sales group	D121
Pack	1 pcs.
Customs tariff	85444290
Catalog page information	Page 45 (PC-2009)

**Product notes**

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



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**Technical data****General data**

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 8 mΩ

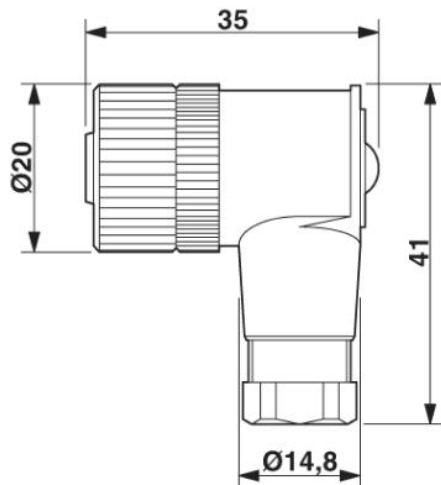
Insulation resistance	$\geq 100 \text{ M}\Omega$
Ambient temperature (operation)	-40 °C ... 85 °C (Male connector / female connector)

**General characteristics**

Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Contact material	CuZn
Contact surface material	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Nickel-plated brass
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
External cable diameter	6 mm ... 8 mm
Status display	No

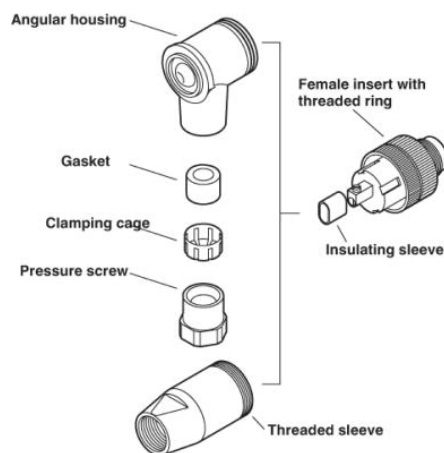
## Diagrams/Drawings

### Dimensioned drawing

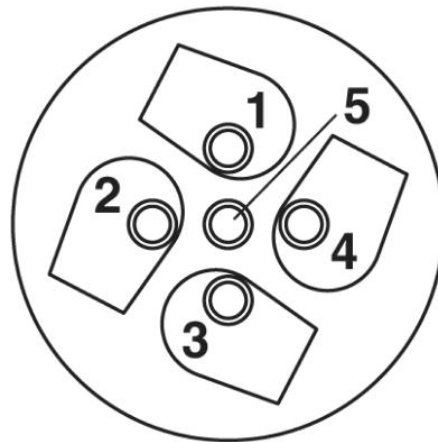


M12 x 1 female connector, angled

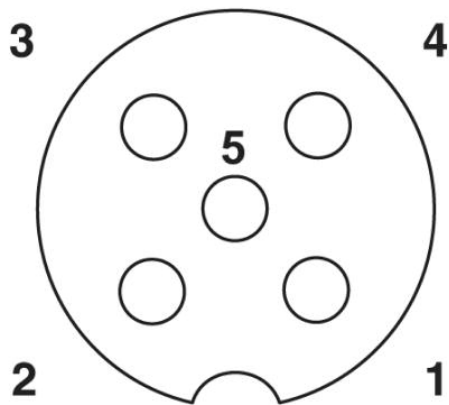
### Schematic diagram



Male/Female M12



Cable connection side M12 (screw connection)



Pin assignment M12 socket, 5-pos., A-coded, socket side view



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