

## SACC-M12MS-5CON-PG 9-M

Order No.: 1681460

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1681460>

Sensor/actuator connector, male, straight, 5-pos., M12, A-coded,  
screw connection, metal knurl, cable screw connection Pg9

### Commercial data

EAN	4017918157432
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	0.02373 KG
Catalog page information	Page 45 (PC-2009)

### Product notes

WEEE/RoHS-compliant since:  
03/23/2006



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### Technical data

#### General data

Nominal current $I_N$	4 A
Nominal voltage $U_N$	60 V
Number of positions	5
Volume resistance	$\leq 8 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$

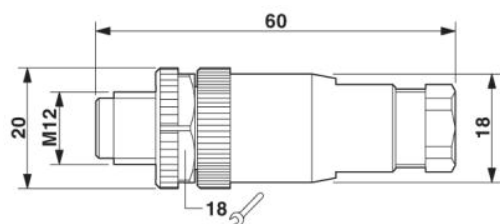
Ambient temperature (operation)	-40 °C ... 85 °C (plug/socket)
Pg screw connection	Pg9

**General characteristics**

Coding	A - standard
Inflammability class acc. to UL 94	V0
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	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

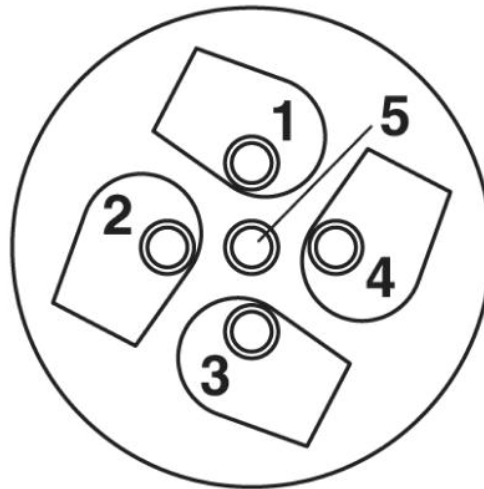
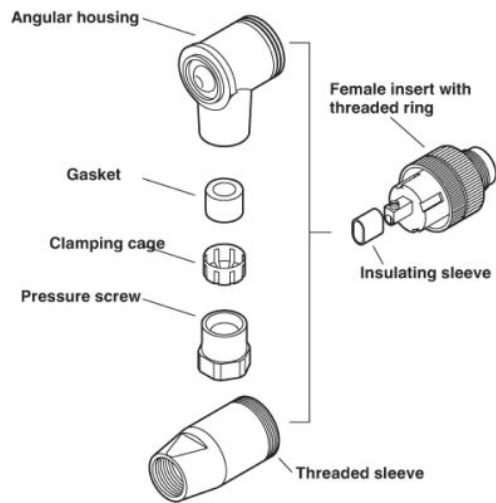
**Drawings**

Dimensioned drawing



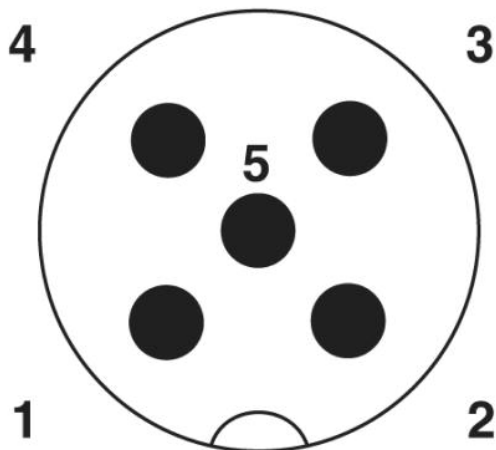
M12 x 1 male connector, straight

Schematic diagram



Male/Female M12

Cable connection side M12 (screw connection)  
Pin assignment M12 male connector, 5-pos., A-coded, male side



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