

SACC-M12MS-5CON-PG 7-M

Order No.: 1663116

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1663116>

Sensor/actuator connector, male, straight, 5-pos., M12, A-coded,
screw connection, metal knurl, cable screw connection Pg7

Commercial data

EAN	4017918116583
Pack	1 pcs.
Customs tariff	85366990
Weight/Piece	0.02313 KG
Catalog page information	Page 45 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
06/12/2006



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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)
General characteristics	
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	Zinc die-cast, (nickel-plated)
Sealing material	NBR
Type of connection	Screw connection
Conductor cross section stranded min.	0.25 mm ²
Conductor cross section stranded max.	0.75 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	18
Min. diameter	4 mm
Max. diameter	6 mm
Status display	No

Certificates / Approvals



Certification

CUL, GOST, UL

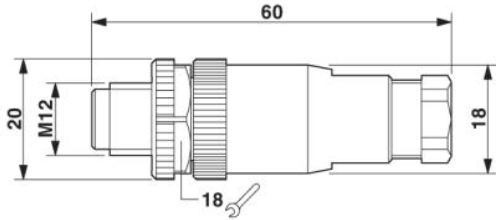
Accessories

Item	Designation	Description
General		
1436505	SACC-M12-SET/2,5-3,5	Sensor/actuator connector, accessories, pressure screw and Pg7 seal, for unshielded M12 connector, cable diameter 2.5 mm - 3.5 mm

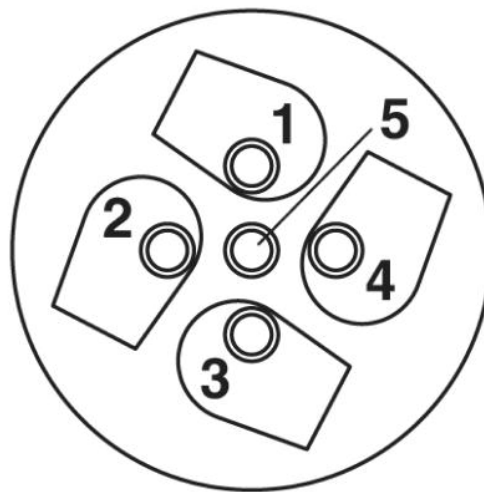
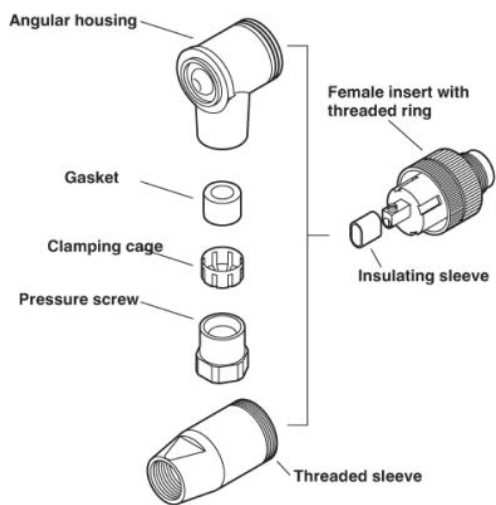
Diagrams/Drawings

Dimensioned drawing

M12 x 1 male connector, straight



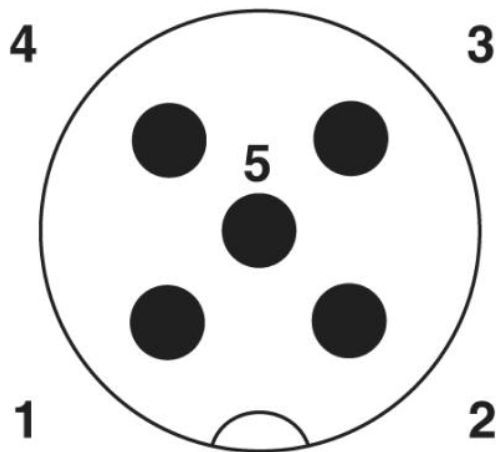
Schematic diagram



Male/Female M12

Cable connection side M12 (screw connection)

Pin assignment M12 male connector, 5-pos., A-coded, male side



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