

Connector - SACC-MS-5CON-PG 7-M SCO - 1542965

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

Product Features

- Safe use in the field, thanks to a high degree of protection
- Flexible: connectors for on-site assembly
- Save time, thanks to installation with SPEEDCON rapid interlock system
- Screw connection: proven connection technology for a large selection of different conductors



Key commercial data

package_quantity	1
GTIN	4046356097673

Technical data

Dimensions

External diameter	4 mm ... 6 mm
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Screw connection
Conductor cross section	0.25 mm ² ... 0.75 mm ²

Connector - SACC-MS-5CON-PG 7-M SCO - 1542965

Technical data

General

AWG conductor cross section	24 ... 18
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
Torque	0.2 Nm (Screw terminal blocks)
Torque	0.8 Nm ... 1 Nm (Pressure screw)
Tightening torque	Screw plug insert with sleeve housing as far it will go
Assembly instructions	The wires can be connected both with ferrules and without ferrules

Material

Inflammability class according to UL 94	HB
Contact material	Cu alloy
Contact surface material	CuSnZn
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104

ETIM

ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

approvals

GOST /

Connector - SACC-MS-5CON-PG 7-M SCO - 1542965

approvals

Approval details



accessories

Seal

SACC-M12-SET/2,5-3,5 - 1436505



Torque tool

TSD 04 SAC - 1208429



TSD-M 1,2NM - 1212224



Screwdriver tools

TSD-M SAC-BIT ADAPTER - 1212600



Connector - SACC-MS-5CON-PG 7-M SCO - 1542965

accessories

SACC BIT M12-D20 - 1208445



Protective cap

PROT-M12 FS-PA-CHAIN - 1430873



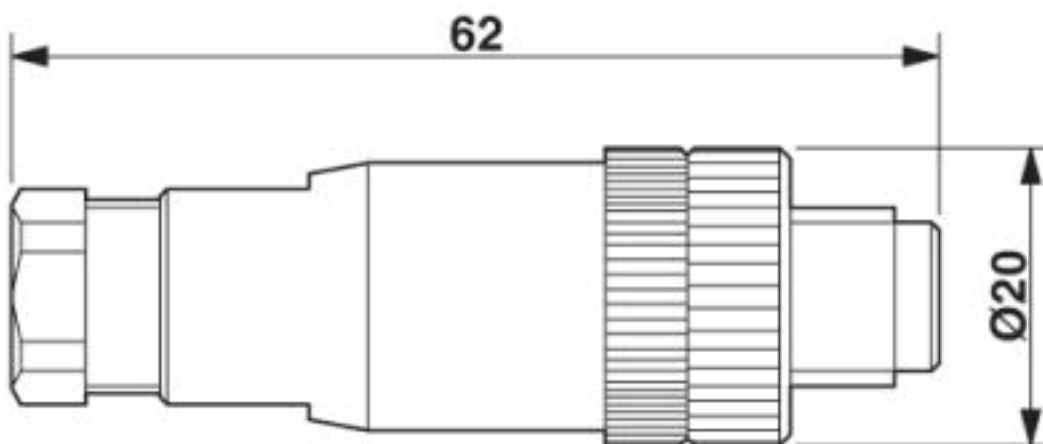
Cable by the meter

SAC-5P-100,0-PUR/0,34 - 1501676



Drawings

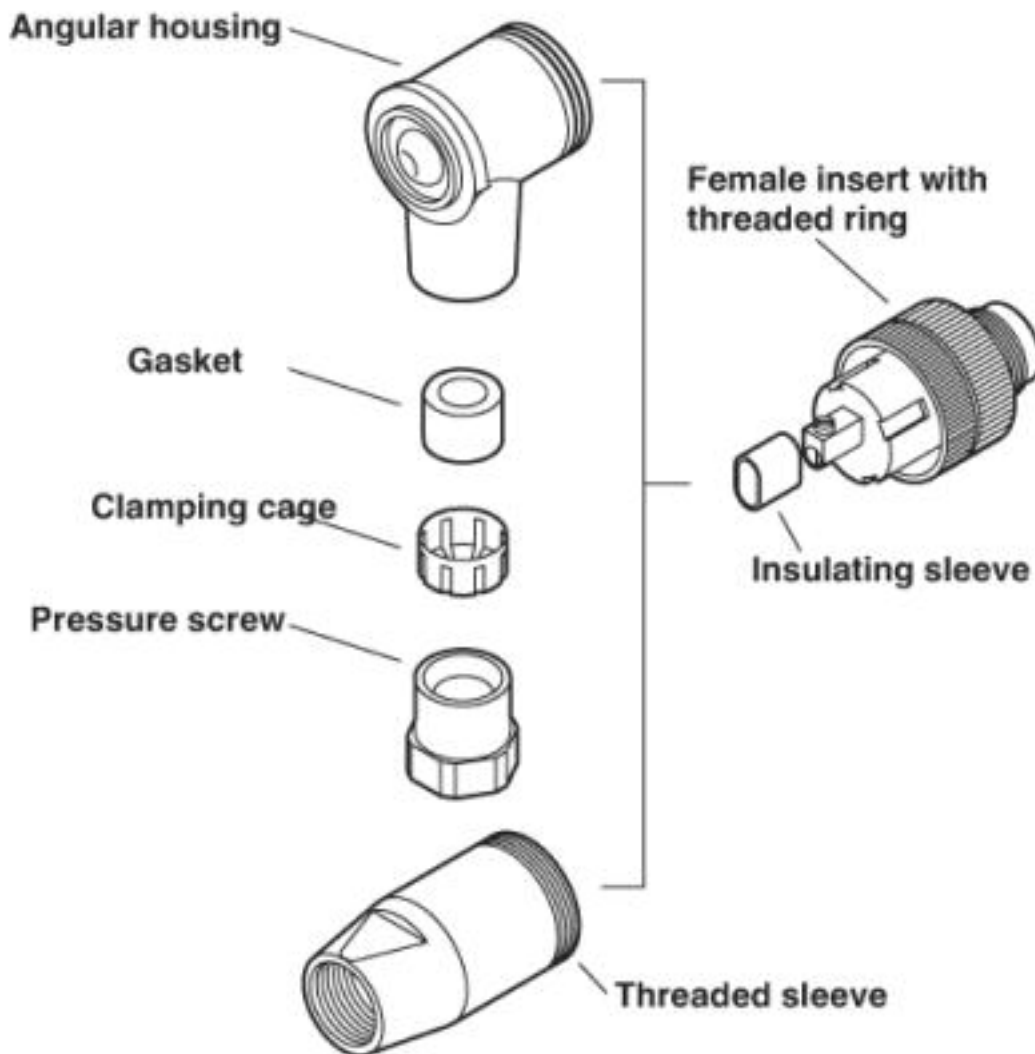
Dimensioned drawing



M12 x 1 plug, straight

Connector - SACC-MS-5CON-PG 7-M SCO - 1542965

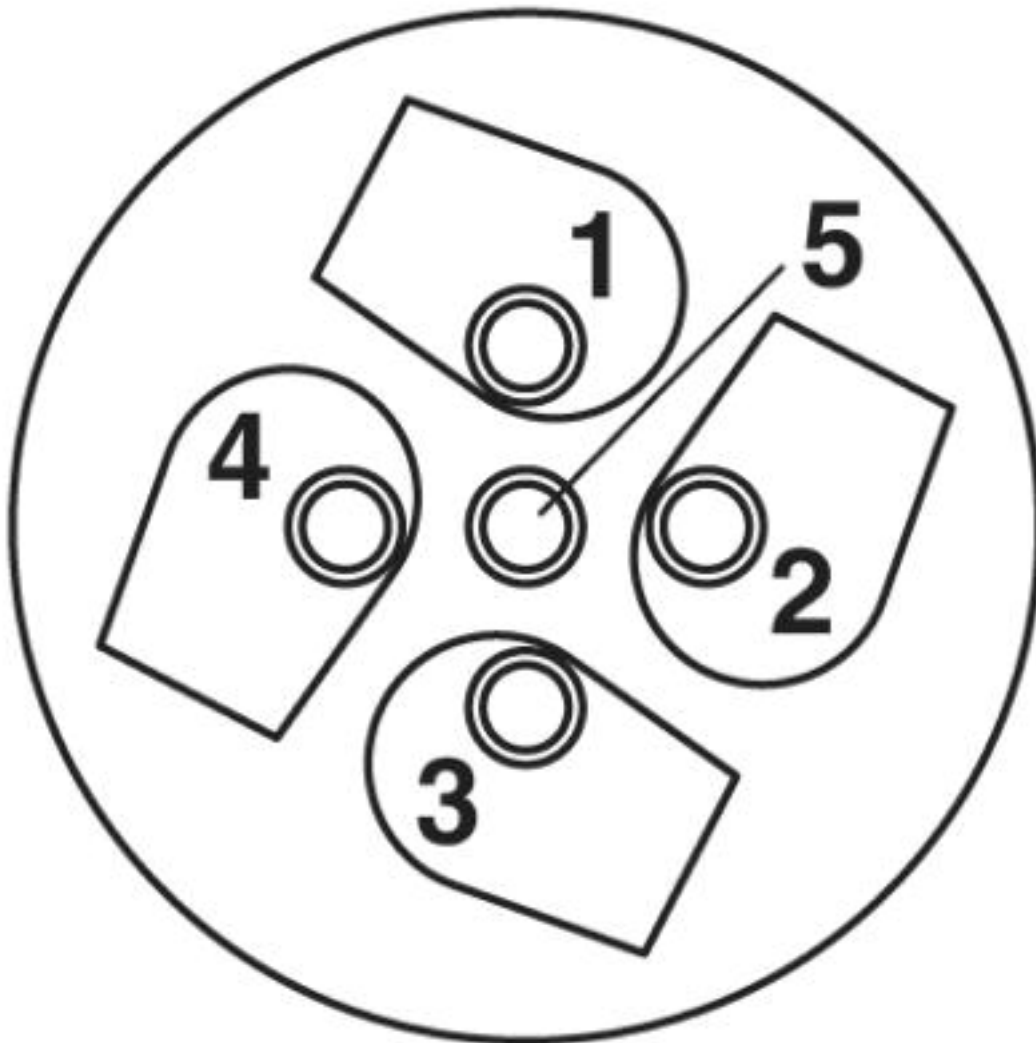
Schematic diagram



Male/Female M12

Connector - SACC-MS-5CON-PG 7-M SCO - 1542965

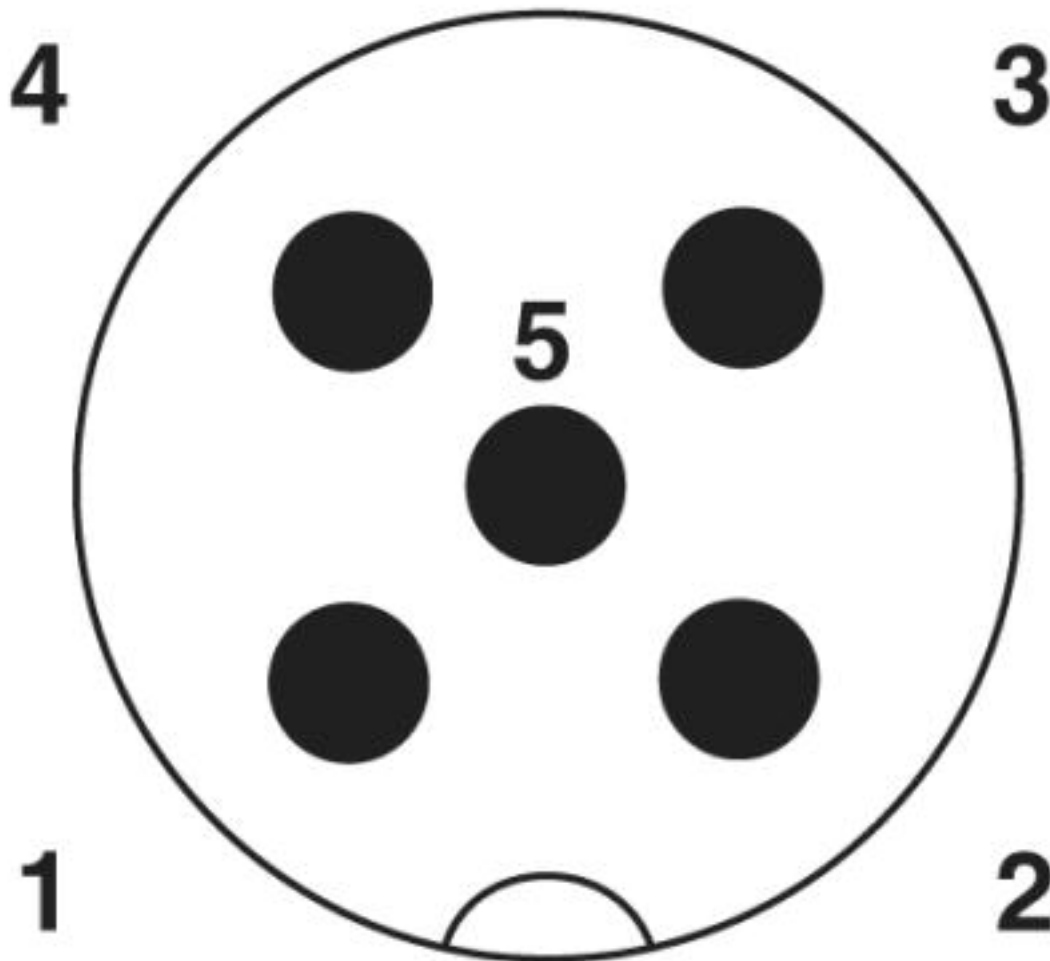
Schematic diagram



Cable connection side M12 (screw connection)

Connector - SACC-MS-5CON-PG 7-M SCO - 1542965

Schematic diagram



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

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