Connector - SACC-M12MS-5CON-PG 9-VA - 1553190

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Sensor/actuator connector, male, straight, 5-pos., M12, screw connection, high-grade steel knurl, cable screw connection Pg9

Product Features

- Safe use in the field, thanks to a high degree of protection
- Flexible: connectors for on-site assembly
- Screw connection: proven connection technology for a large selection of different conductors

Key commercial data

package_quantity	1
GTIN	4046356170116

Technical data

Dimensions

External diameter	6 mm ... 8 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP65
Degree of protection	IP67
Degree of protection	IP69K

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 3 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 mm² ... 0.75 mm²
AWG conductor cross section	24 ... 18

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Technical data

General

Insertion/withdrawal cycles	≥ 100
Torque	0.8 Nm ... 1 Nm (Pressure screw)
Torque	0.2 Nm (Screw terminal blocks)
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	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material of grip body	PBT
Material, knurls	High-grade steel
Sealing material	NBR

classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

approvals

GOST /

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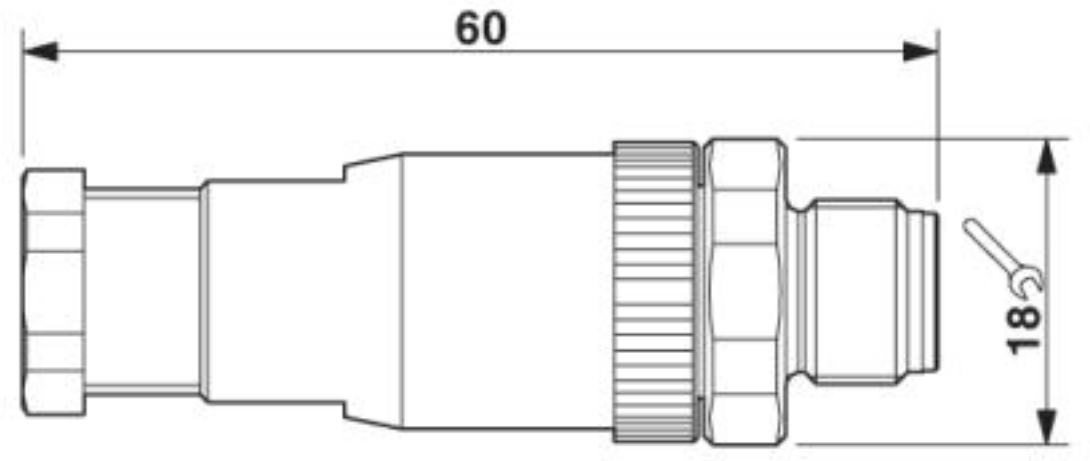
approvals

Approval details

GOST

Drawings

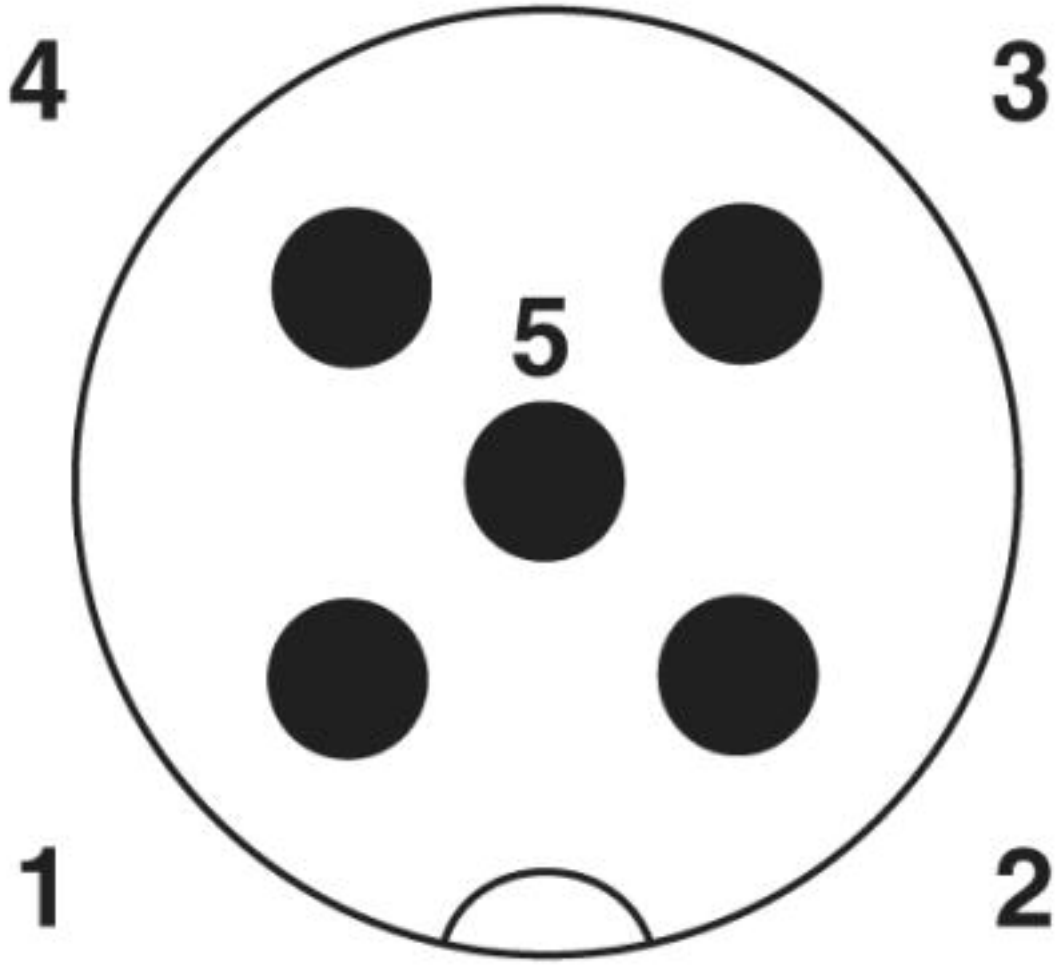
Dimensioned drawing



M12 x 1 plug, straight

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Schematic diagram



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

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