

Connector - SACC-M12MS-5CON-DM 3-5 SH VA - 1440012

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Connector, 5-position, shielded, Plug straight M12, A-coded, Screw connection, Knurl material: High-grade steel, Cable gland M16, External cable diameter 3 mm ... 5.5 mm

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
- Reliable signal transmission - 360° shielding in environments with electromagnetic interference



Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	60.0 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

External diameter	3 mm ... 5.5 mm
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Ambient conditions

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

General

Rated current at 40 °C	4 A
Rated voltage	60 V
Number of positions	5

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Technical data

General

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 mm ² ... 0.5 mm ²
AWG conductor cross section	24 ... 18
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)
	0.2 Nm (Screw terminal blocks)
	0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)
	0.8 Nm ... 1 Nm (Pressure screw for outer cable diameter 4 mm ... 8 mm)
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	High-grade steel
Material, knurls	High-grade steel
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	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

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Classifications

ETIM

ETIM 3.0	EC002061
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

Approvals


Approvals

GOST

Ex Approvals

Approvals submitted

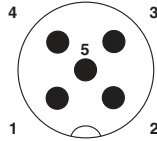
Approval details

GOST 
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Drawings

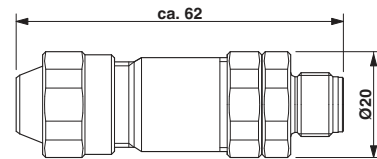
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Schematic diagram



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

Dimensioned drawing



Plug, M12 x 1, straight, shielded