

## Plug-in connector - SACC-M12FR-5CON-PG 9-VA - 1553307

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Sensor/actuator connector, female, angled, 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: plug-in connectors for on-site assembly
- ✓ Screw connection: proven connection technology for a large selection of different conductors



### Key commercial data

Packing unit	1 PCE
Catalog page	Page 211 (PC-2011)
GTIN	 4 046356 170222
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	≤ 3 mΩ
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-40 °C ... 85 °C

#### General characteristics

Standards/regulations	M12 plug-in connector IEC 61076-2-101
Coding	A - standard

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### Technical data

#### General characteristics

Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP67/IP69K
Insertion/withdrawal cycles	≥ 100
Torque	0.8 Nm ... 1 Nm (Pressure screw)
Torque	0.2 Nm (Screw terminal blocks)
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
Connection method	Screw connection
Conductor cross section	0.25 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
AWG conductor cross section	24 ... 18
Assembly instructions	The connector pin assignment can be rotated 90° to the cable outlet
Assembly instructions	The wires can be connected both with ferrules and without ferrules
External cable diameter	6 mm ... 8 mm
Status display	No

### Classifications

#### ETIM

ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

#### UNSPSC

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

#### eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423

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## Classifications

eCl@ss

eCl@ss 5.1	27143423
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104

## Approvals

### Approvals

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Approvals

GOST

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Ex Approvals

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Approvals submitted

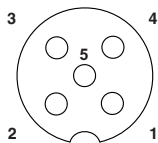
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### Approval details



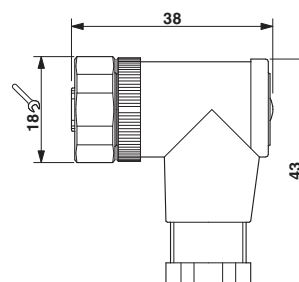
## Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

Dimensioned drawing



M12 x 1 socket, angled

