

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)




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

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

### 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

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

## Classifications

eCl@ss

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

## Approvals

Approvals

Approvals

GOST

Ex Approvals

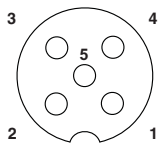
Approvals submitted

Approval details



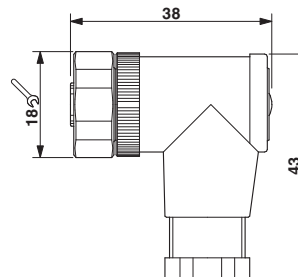
## Drawings

Schematic diagram



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

Dimensioned drawing



M12 x 1 socket, angled

