# Connector - SACC-M12MR-5CON-PG 7-VA - 1553213

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, male, angled, 5-pos., M12, screw connection, high-grade steel 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
- Screw connection: proven connection technology for a large selection of different conductors

## Key commercial data

| | |
|---|---|
| Packing unit | 1 1 |
| Weight per Piece (excluding packing) | 25.1 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

## Technical data

### Dimensions

| | |
|---|---|
| External diameter | 4 mm ... 6 mm |

### 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 |
| Contact resistance | ≤ 3 mΩ |

# Connector - SACC-M12MR-5CON-PG 7-VA - 1553213

## Technical data

### General

| | |
|---|---|
| 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 |
| Insertion/withdrawal cycles | ≥ 100 |
| Torque | 0.8 Nm ... 1 Nm (Pressure screw) |
| | 0.2 Nm (Screw terminal blocks) |
| Tightening torque | Screw plug insert with sleeve housing as far it will go |
| Assembly instructions | The connector pin assignment can be rotated 90° to the cable outlet |
| | 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 |

# Connector - SACC-M12MR-5CON-PG 7-VA - 1553213

## Classifications

### ETIM

| | |
|---|---|
| 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

### Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

### Approval details

GOST

## Accessories

### Accessories

Seal

# Connector - SACC-M12MR-5CON-PG 7-VA - 1553213

## Accessories

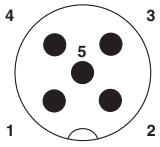
Connector - SACC-M12-SET/2,5-3,5 - 1436505



Sensor/actuator connector, accessories, pressure screw and Pg7 seal, for unshielded M12 connector, cable diameter 2.5 mm - 3.5 mm

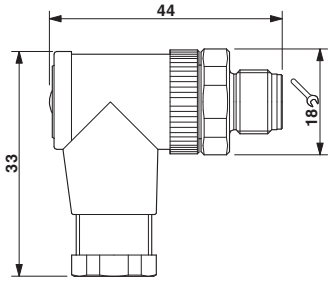
## Drawings

Schematic diagram




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

Dimensioned drawing




M12 x 1 male plug, angled

© Phoenix Contact 2013 - all rights reserved
http://www.phoenixcontact.com