

## Connector - SACC-M12MR-5CON-PG9-M SKINTOP - 1561742

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Sensor/actuator connector, angled, 5-pos., M12, A-coded, screw connection, metal knurl, SKINTOP® Pg9 cable gland

### 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             | 4046356287111 |

### Technical data

#### Dimensions

|                   |               |
|-------------------|---------------|
| External diameter | 6 mm ... 8 mm |
|-------------------|---------------|

#### Ambient conditions

|                                 |                                  |
|---------------------------------|----------------------------------|
| Ambient temperature (operation) | -20 °C ... 80 °C (Plug / socket) |
| Degree of protection            | IP67                             |

#### General

|                             |                               |
|-----------------------------|-------------------------------|
| Rated current at 40°C       | 4 A                           |
| Rated voltage               | 60 V                          |
| Number of positions         | 5                             |
| Contact resistance          | ≤ 8 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                     |
| Insertion/withdrawal cycles | ≥ 100                         |
| Torque                      | 0.4 Nm (M12 knurl)            |

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## Technical data

### General

|                              |                                                                     |
|------------------------------|---------------------------------------------------------------------|
| <b>Torque</b>                | 0.2 Nm (Screw terminal blocks)                                      |
| <b>Torque</b>                | 0.8 Nm ... 1 Nm (Pressure screw)                                    |
| <b>Tightening torque</b>     | Screw plug insert with sleeve housing as far it will go             |
| <b>Assembly instructions</b> | The connector pin assignment can be rotated 90° to the cable outlet |
| <b>Assembly instructions</b> | The wires can be connected both with ferrules and without ferrules  |

### Material

|                                                |                              |
|------------------------------------------------|------------------------------|
| <b>Inflammability class according to UL 94</b> | HB                           |
| <b>Contact material</b>                        | CuZn                         |
| <b>Contact surface material</b>                | CuSnZn                       |
| <b>Contact carrier material</b>                | PA 66                        |
| <b>Material of grip body</b>                   | PBT                          |
| <b>Material, knurls</b>                        | Zinc die-cast, nickel-plated |
| <b>Sealing material</b>                        | NBR                          |

## classifications

### eCl@ss

|                   |          |
|-------------------|----------|
| <b>eCl@ss 4.0</b> | 27140815 |
| <b>eCl@ss 4.1</b> | 27140815 |
| <b>eCl@ss 5.0</b> | 27260701 |
| <b>eCl@ss 5.1</b> | 27260701 |
| <b>eCl@ss 6.0</b> | 27279221 |
| <b>eCl@ss 7.0</b> | 27440104 |
| <b>eCl@ss 8.0</b> | 27440104 |

### ETIM

|                 |          |
|-----------------|----------|
| <b>ETIM 2.0</b> | EC001121 |
| <b>ETIM 3.0</b> | EC002062 |
| <b>ETIM 4.0</b> | EC002062 |
| <b>ETIM 5.0</b> | EC002062 |

### UNSPSC

|                      |          |
|----------------------|----------|
| <b>UNSPSC 6.01</b>   | 31251501 |
| <b>UNSPSC 7.0901</b> | 31251501 |
| <b>UNSPSC 11</b>     | 31251501 |
| <b>UNSPSC 12.01</b>  | 31251501 |
| <b>UNSPSC 13.2</b>   | 31251501 |

## approvals

GOST /

## Connector - SACC-M12MR-5CON-PG9-M SKINTOP - 1561742

approvals

Approval details



accessories

### Torque tool

TSD 04 SAC - 1208429



TSD-M 1,2NM - 1212224



### Screwdriver tools

TSD-M SAC-BIT ADAPTER - 1212600



SACC BIT M12-D20 - 1208445



### Protective cap

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accessories

PROT-M12 FS-PA-CHAIN - 1430873



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### Cable by the meter

SAC-5P-100,0-186/0,75 - 1535590

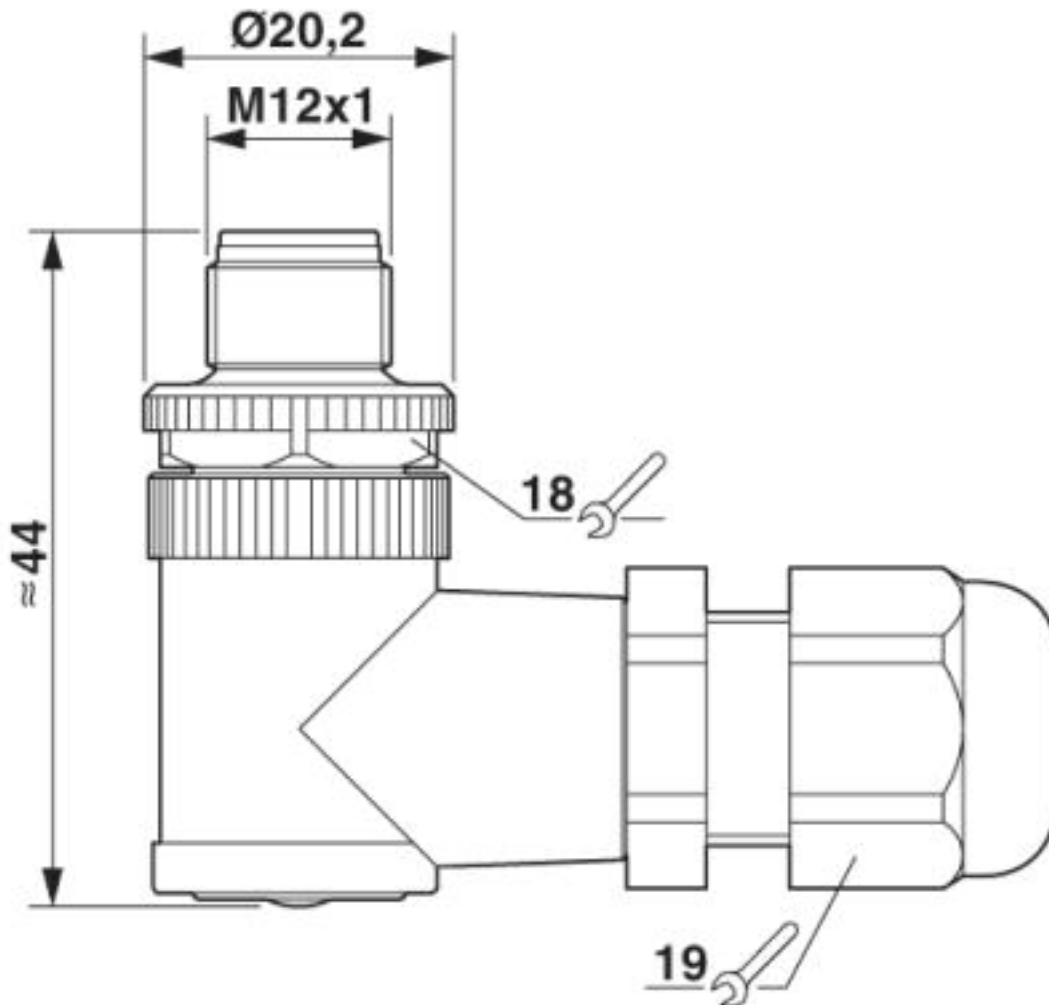


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### Drawings

## Connector - SACC-M12MR-5CON-PG9-M SKINTOP - 1561742

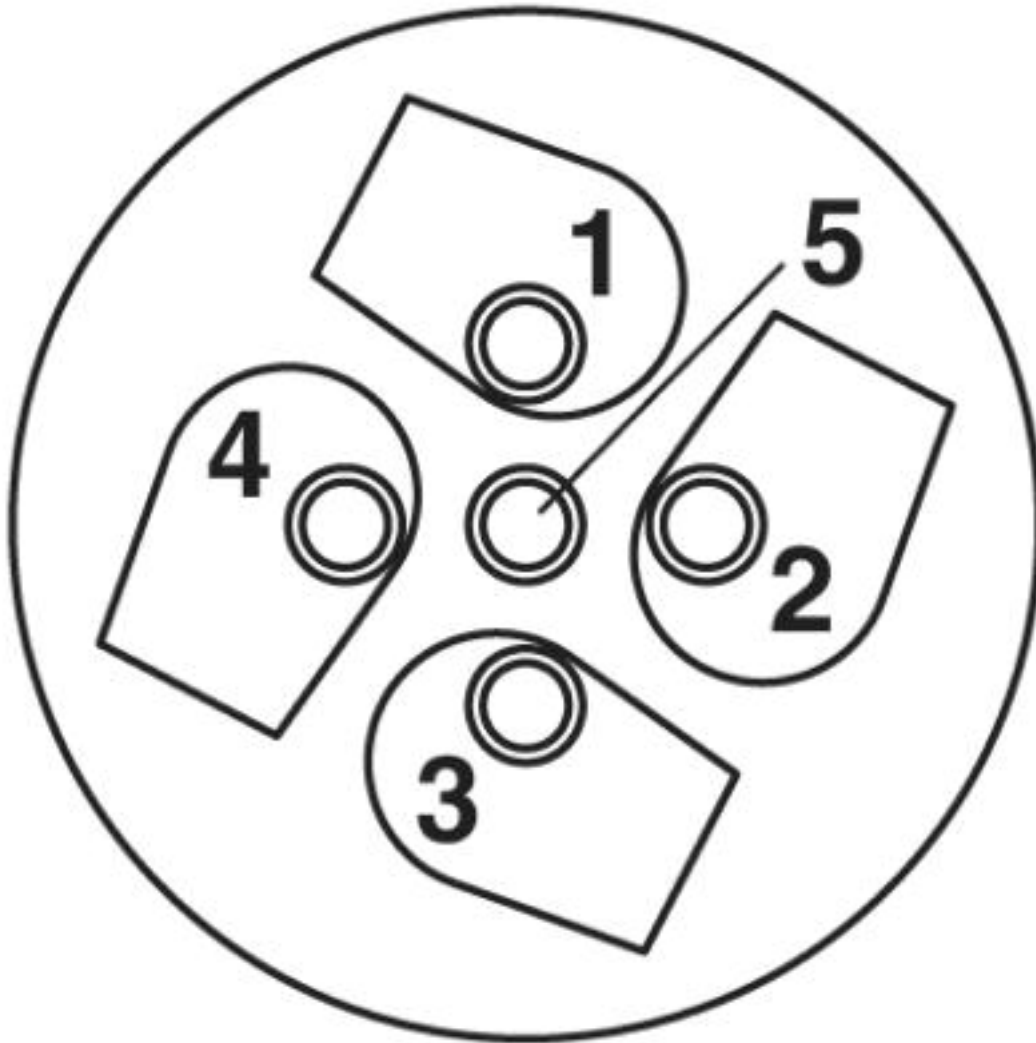
Dimensioned drawing



M12 x 1 male plug, angled

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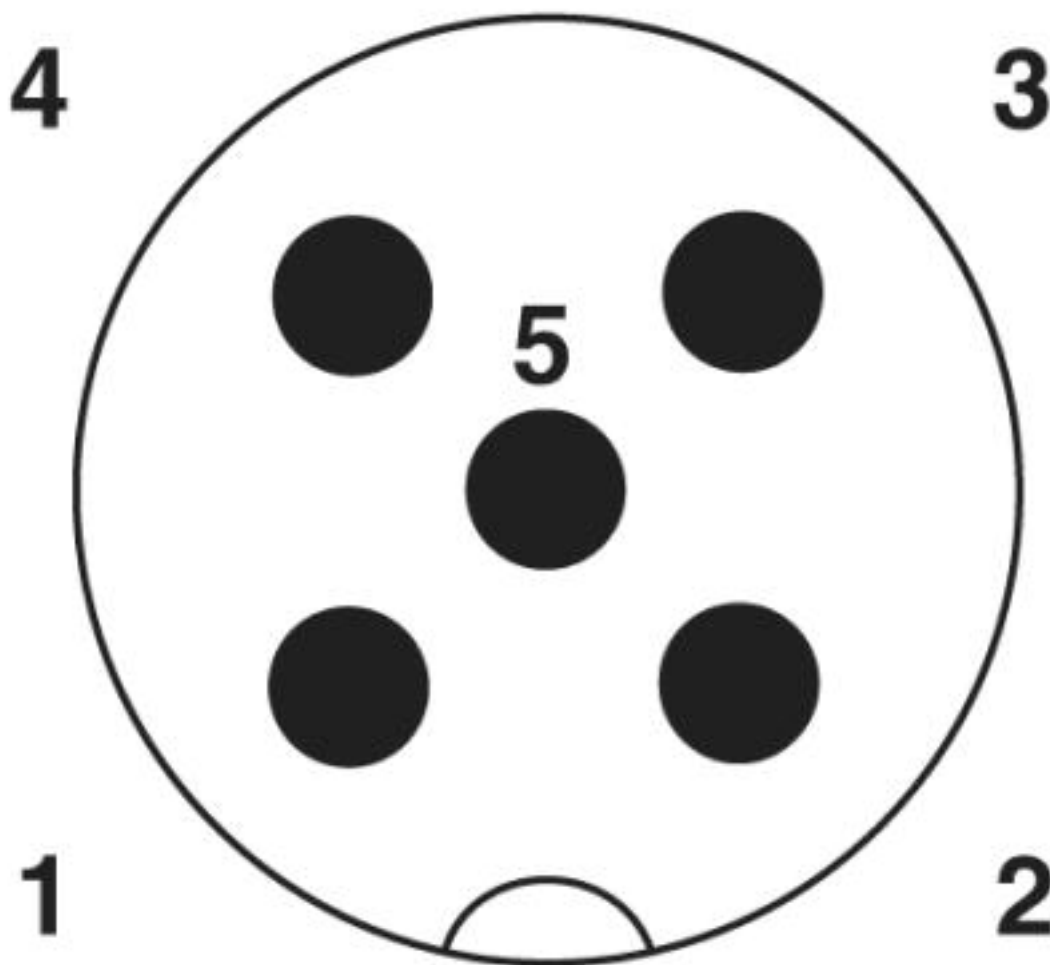
Schematic diagram



Cable connection side M12 (screw connection)

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Schematic diagram



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

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