**PHŒNIX CONTACT**

# Panel feed-through - SACC-5P-DSI-M12MSB/FSB-M16 - 1551684

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://phoenixcontact.com/download)

Sensor/actuator control cabinet feed-through, male to female, 5-pos., M12, shielded, B-coded, bipolar/screw mounting with M16 thread

**RoHS**

## Key Commercial Data

| Packing unit | 1 pc |
|---|---|
| GTIN | |
| GTIN | 4046356156219 |
| Weight per Piece (excluding packing) | 31.000 g |
| Custom tariff number | 85366990 |
| Country of origin | Czech Republic |

## Technical data

### Ambient conditions

| Ambient temperature (operation) | -25 °C ... 85 °C (Plug / socket) |
|---|---|
| | -40 °C ... 85 °C (without mechanical actuation) |
| Degree of protection | IP67 |

### General

| Note | The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration. |
|---|---|
| Rated current at 40°C | 4 A |
| Rated voltage | 60 V |
| Rated surge voltage | 1.5 kV |

**PHŒNIX CONTACT**

# Panel feed-through - SACC-5P-DSI-M12MSB/FSB-M16 - 1551684

## Technical data

### General

| Number of positions | 5 |
|---|---|
| Insulation resistance | ≥ 100 MΩ |
| Coding | B - inverse |
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Connection method | Individual wires |
| Insertion/withdrawal cycles | > 100 |
| Torque | 3 Nm ... 4 Nm (Installation-side) |
| Mounting type | Bipolar mounting M16 x 1.5 |

### Material

| Flammability rating according to UL 94 | HB |
|---|---|
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA 6.6 |
| Material, knurls | Nickel-plated brass |
| Sealing material | FKM |

### Cable

| Standards/specifications | M12 connector IEC 61076-2-101 |
|---|---|
| Ambient temperature (operation) | -40 °C ... 85 °C (cable, fixed installation) |
| | -25 °C ... 85 °C (cable, flexible installation) |

### Standards and Regulations

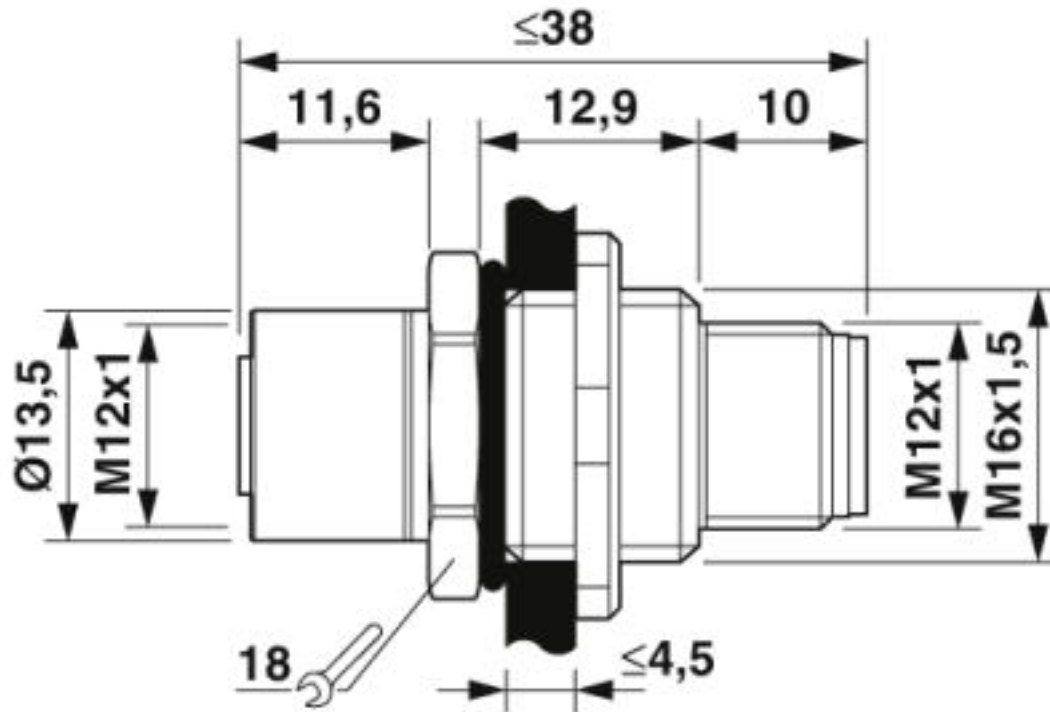| Standards/specifications | M12 connector IEC 61076-2-101 |
|---|---|
| Flammability rating according to UL 94 | HB |

### Environmental Product Compliance

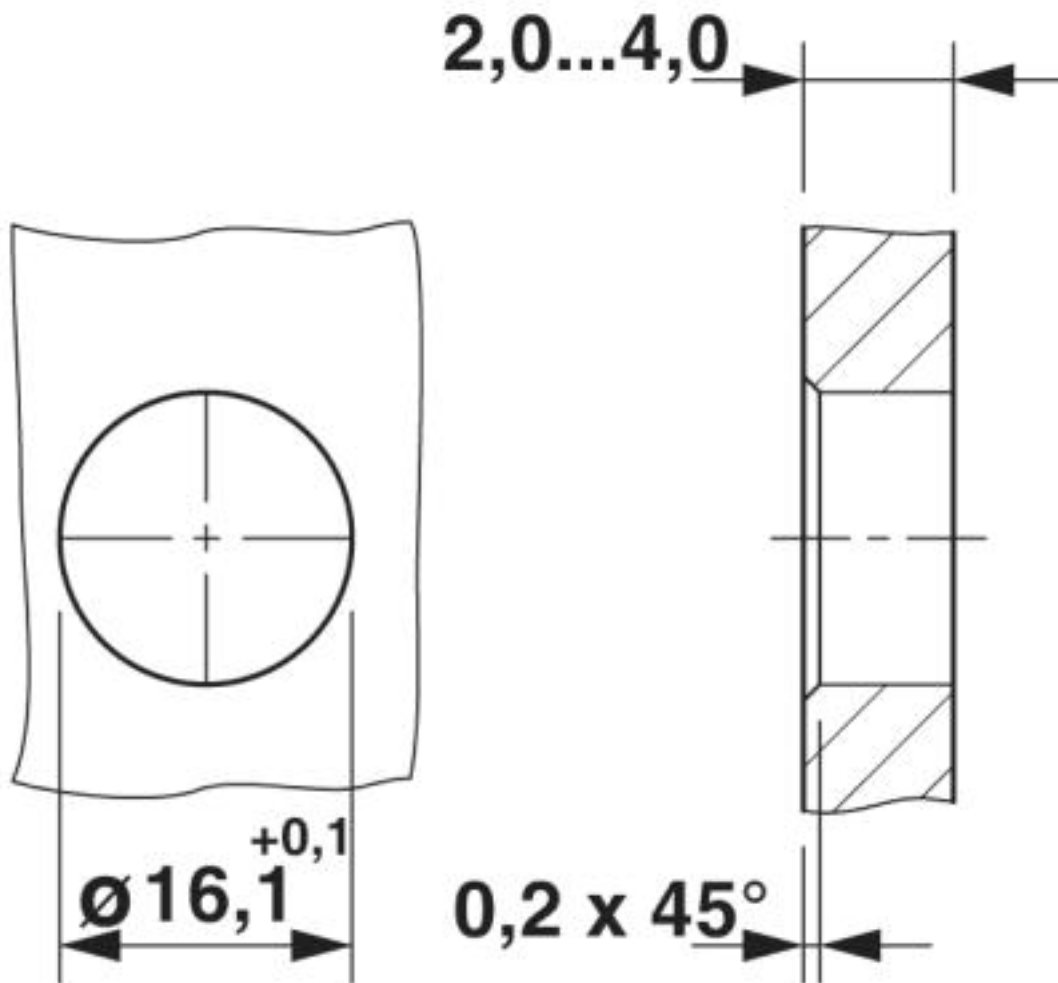| REACh SVHC | Lead 7439-92-1 |
|---|---|
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

**PHŒNIX CONTACT**

# Panel feed-through - SACC-5P-DSI-M12MSB/FSB-M16 - 1551684

Dimensional drawing

**PHŒNIX CONTACT**

# Panel feed-through - SACC-5P-DSI-M12MSB/FSB-M16 - 1551684

Dimensional drawing

2,0...4,0

Ø 16,1 +0,1

0,2 x 45°

Mounting cutout

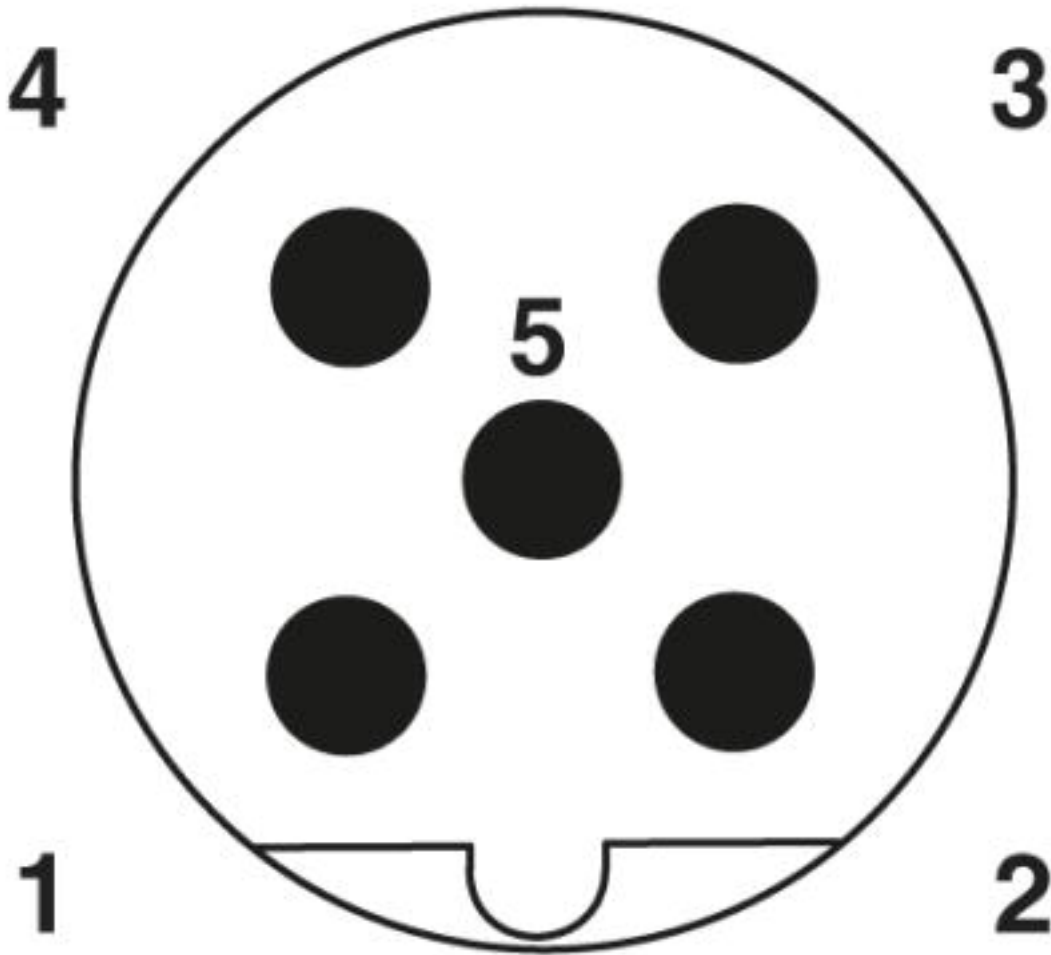# Panel feed-through - SACC-5P-DSI-M12MSB/FSB-M16 - 1551684

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

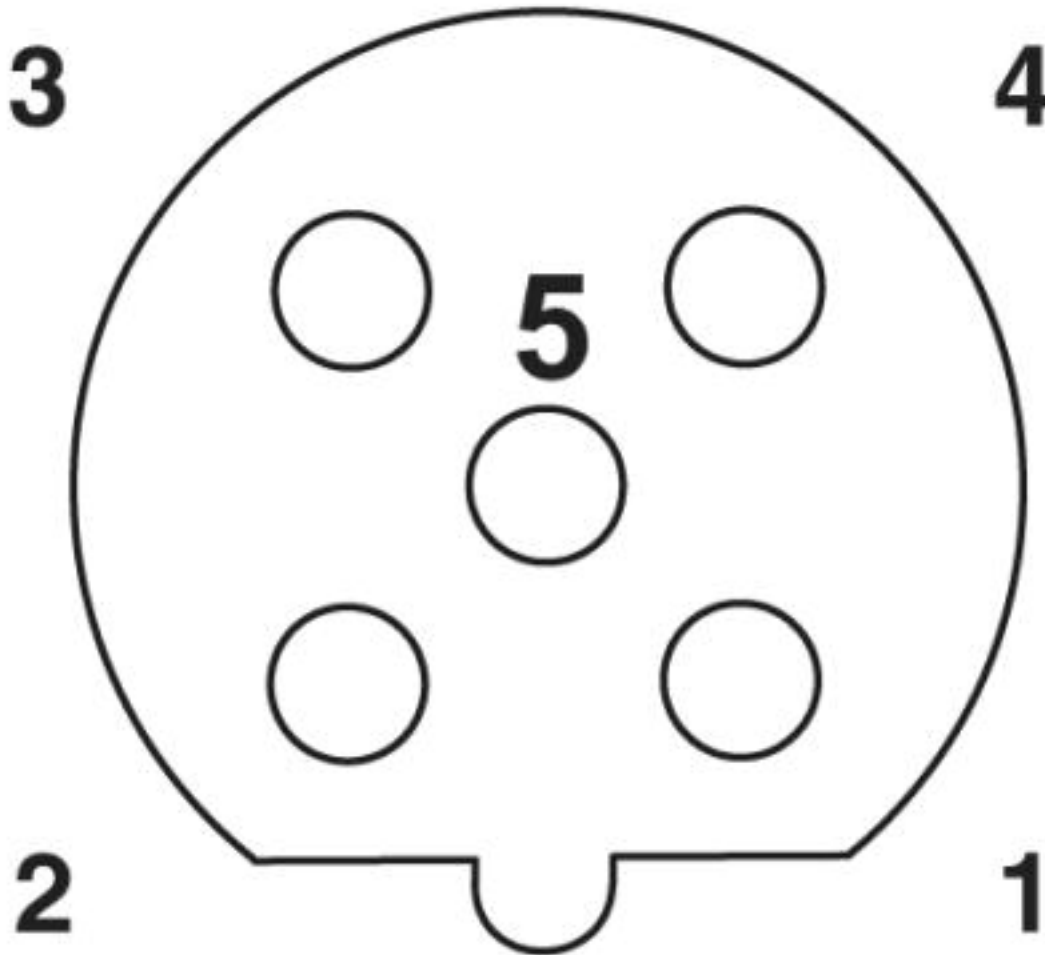# Panel feed-through - SACC-5P-DSI-M12MSB/FSB-M16 - 1551684

Schematic diagram



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

**PHŒNIX CONTACT**

# Panel feed-through - SACC-5P-DSI-M12MSB/FSB-M16 - 1551684

Schematic diagram

Pin assignment M12 socket, 5-pos., B-coded, female side

## Classifications

### eCl@ss

| eCl@ss 10.0.1 | 27440102 |
|---|---|
| eCl@ss 4.0 | 27140800 |
| eCl@ss 4.1 | 27140800 |
| eCl@ss 5.0 | 27143400 |
| eCl@ss 5.1 | 27143400 |
| eCl@ss 6.0 | 27279200 |
| eCl@ss 7.0 | 27440103 |

# Panel feed-through - SACC-5P-DSI-M12MSB/FSB-M16 - 1551684

## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 8.0 | 27440103 |
| eCl@ss 9.0 | 27440102 |

### ETIM

| | |
|---|---|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002061 |
| ETIM 6.0 | EC002061 |

### UNSPSC

| | |
|---|---|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11 | 31251501 |
| UNSPSC 12.01 | 31251501 |
| UNSPSC 13.2 | 39121413 |
| UNSPSC 18.0 | 39121413 |
| UNSPSC 19.0 | 39121413 |
| UNSPSC 20.0 | 39121413 |
| UNSPSC 21.0 | 39121413 |

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

| | | | |
|---|---|---|---|
| EAC | EAC | | B.01687 |

## Accessories

Accessories

# Panel feed-through - SACC-5P-DSI-M12MSB/FSB-M16 - 1551684

## Accessories

Plug for cable screw gland

Screw plug - PROT-M12 - 1680539

An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors

Protective cap

Sealing cap - PROT-M12 FS - 1560251

M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Sealing cap - PROT-M12 FS - 1560251

M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Sealing cap - PROT-M12 FS-M - 1430488

M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field