

## Flush-type connector - SACC-DSI-M8MS-4CON-L90 SH - 1456048

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 flush-type connector, connector, 4-pos. M8, rear/screw mounting with M8 fastening thread, with angled solder connection

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 20            |
| GTIN             | 4046356605915 |

### Technical data

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C |
| Degree of protection            | IP67             |

#### General

|                        |                                    |
|------------------------|------------------------------------|
| Rated current at 40°C  | 4 A                                |
| Rated voltage          | 30 V                               |
| Number of positions    | 4                                  |
| Contact resistance     | ≤ 3 mΩ                             |
| Insulation resistance  | ≥ 100 MΩ                           |
| Coding                 | A - standard                       |
| Standards/regulations  | M8 connector IEC 61076-2-104       |
| Status display         | No                                 |
| Surge voltage category | II                                 |
| Pollution degree       | 3                                  |
| Connection method      | Solder pins                        |
| Mounting type          | Rear mounting M8 x 1 With flat nut |

#### Material

|                                         |                              |
|-----------------------------------------|------------------------------|
| Inflammability class according to UL 94 | HB                           |
| Contact material                        | Cu alloy                     |
| Contact surface material                | Au                           |
| Contact carrier material                | PA 66                        |
| Material, knurls                        | Zinc die-cast, nickel-plated |
| Sealing material                        | NBR                          |

#### Cable

# Flush-type connector - SACC-DSI-M8MS-4CON-L90 SH - 1456048

## Technical data

### Cable

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -25 °C ... 85 °C |
|---------------------------------|------------------|

## classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27449001 |

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002061 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 31251501 |

## approvals

GOST /

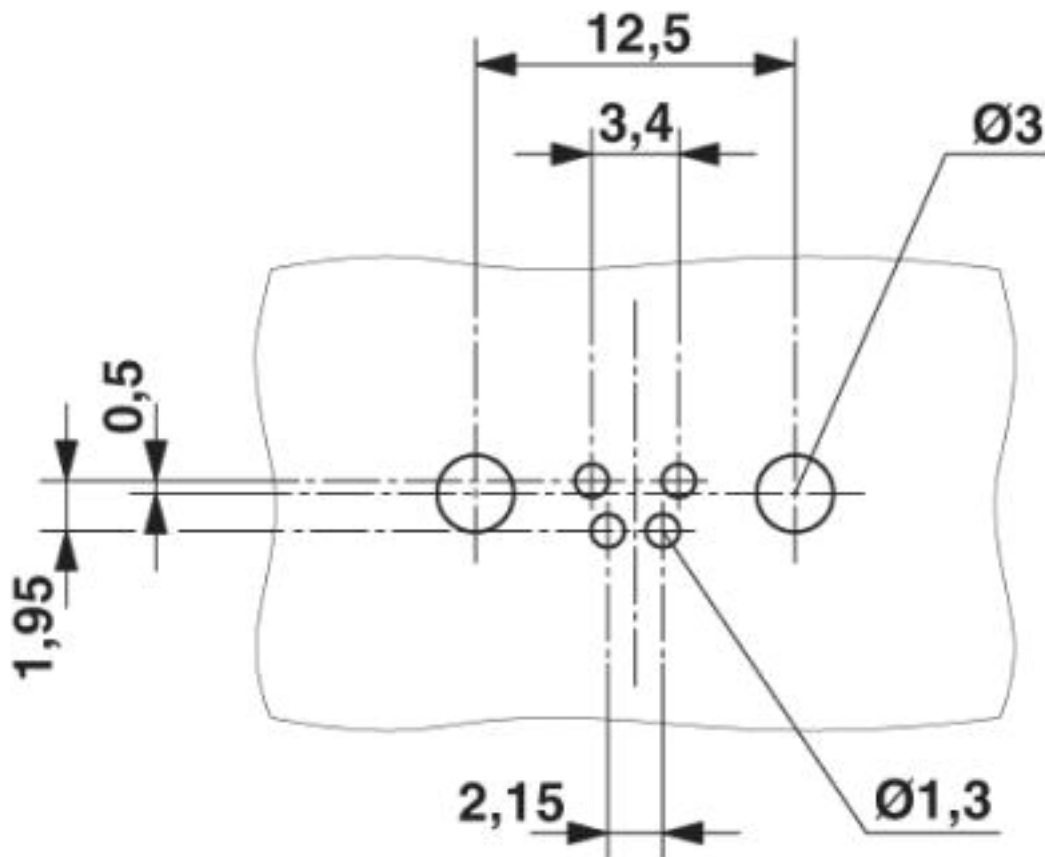
### Approval details

|                                                                                          |
|------------------------------------------------------------------------------------------|
|  GOST |
|------------------------------------------------------------------------------------------|

## Drawings

## Flush-type connector - SACC-DSI-M8MS-4CON-L90 SH - 1456048

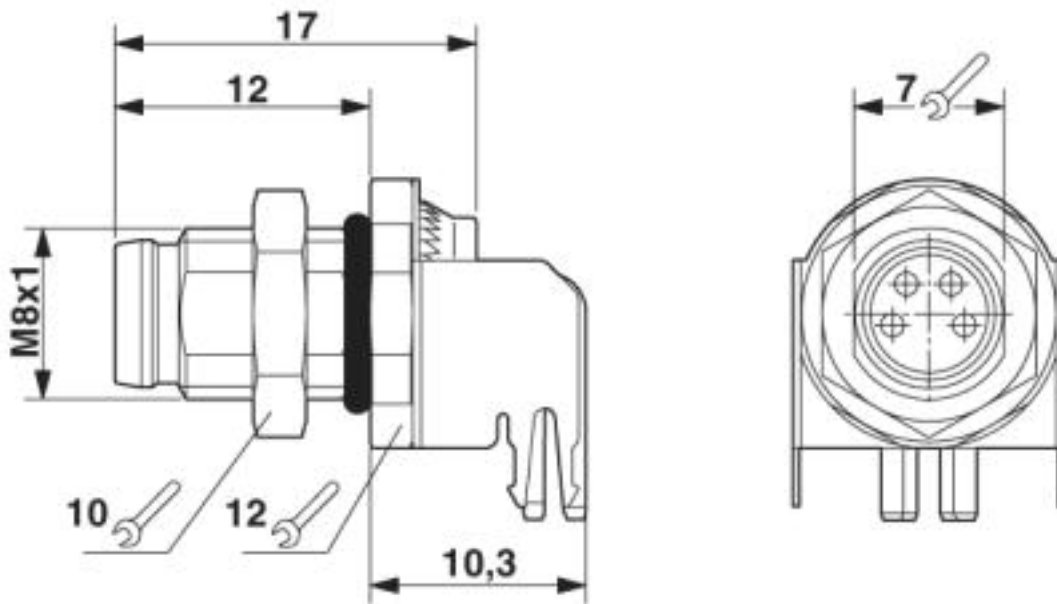
Drilling diagram



Drilling diagram

## Flush-type connector - SACC-DSI-M8MS-4CON-L90 SH - 1456048

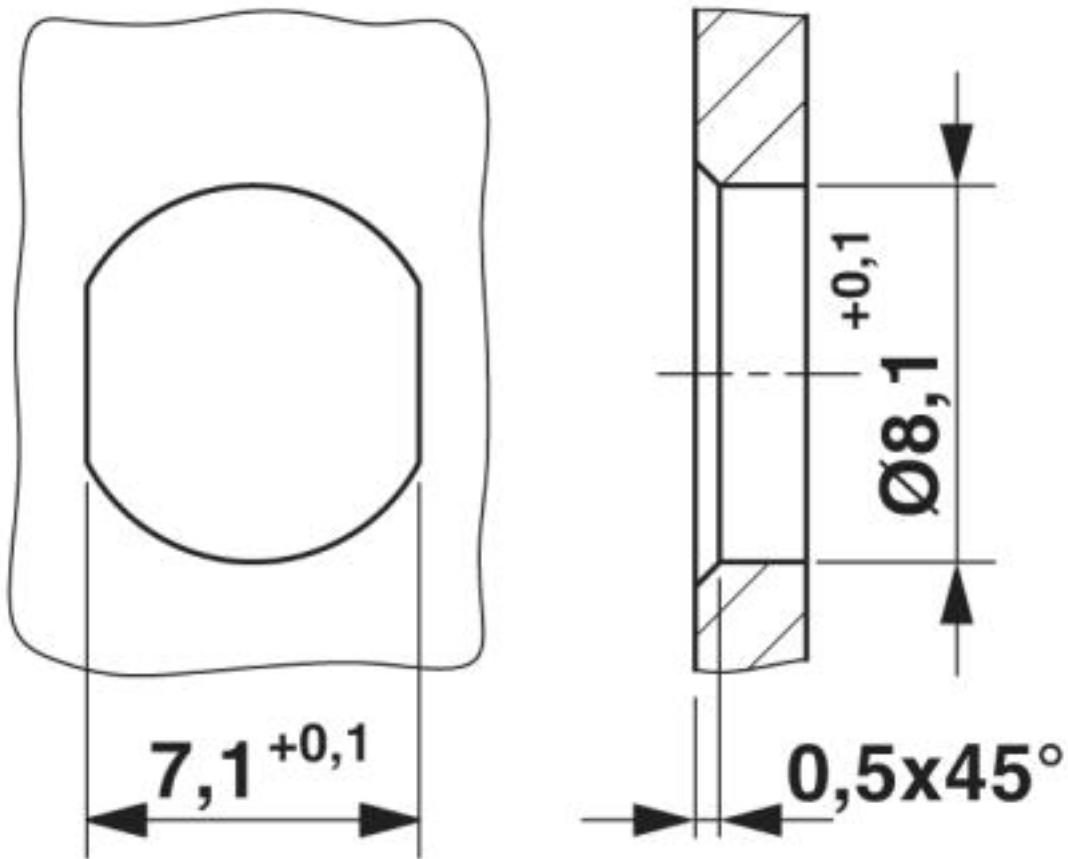
Dimensioned drawing



M8 flush-type plug

## Flush-type connector - SACC-DSI-M8MS-4CON-L90 SH - 1456048

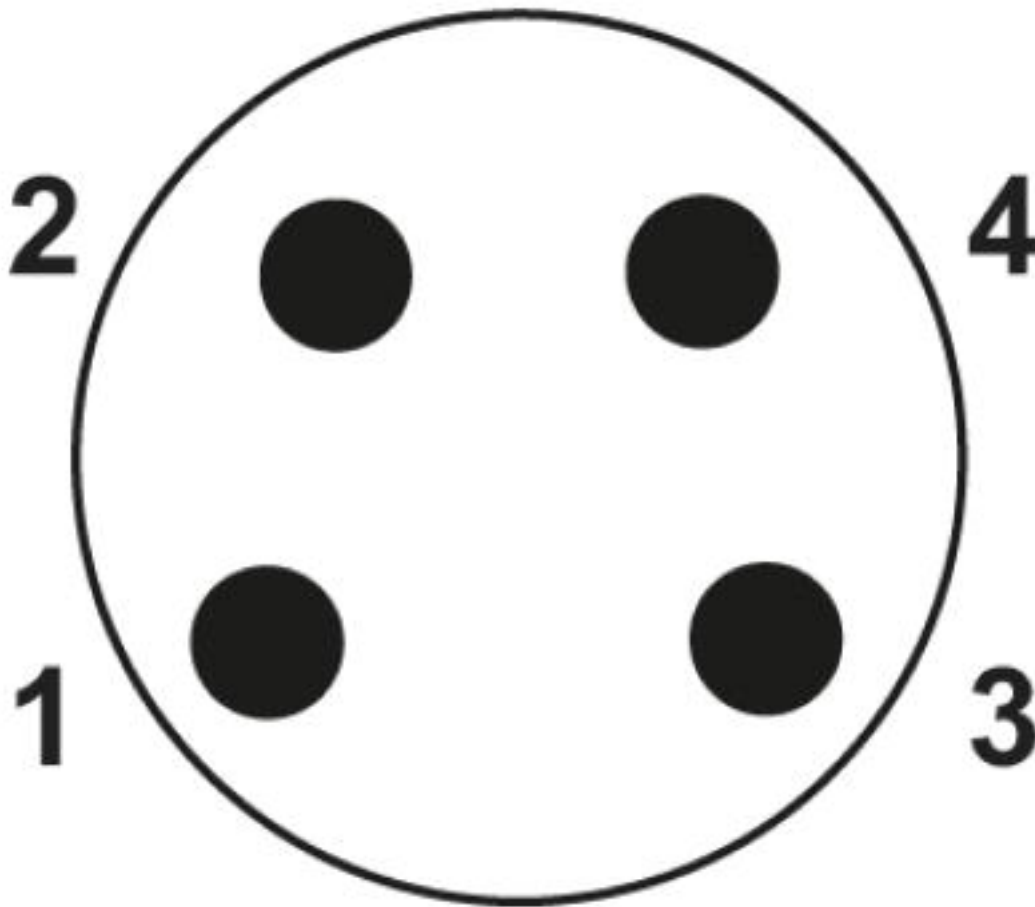
Dimensioned drawing



Mounting panel with feed-through hole

## Flush-type connector - SACC-DSI-M8MS-4CON-L90 SH - 1456048

Schematic diagram



Pin assignment M8 plug, 4-pos., view male side

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