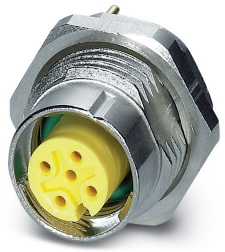
# Flush-type connector - SACC-DSI-FS-4CON-L180/SH YE - 1457885

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)



Bus system flush-type socket, with yellow contact carrier, 4-pos., M12 SPEEDCON, shielded, A-coded, rear/screw mounting with M16 thread, with straight solder connection

## Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- All standard pin assignments and codings for signal, data, and power transmission with a uniform design-in design
- For high transmission reliability: optional shield connection to the housing by means of shield contact

## Key Commercial Data

| | |
|---|---|
| Packing unit | 20 pc |
| GTIN | 4 046356 617161 |
| GTIN | 4046356617161 |

## Technical data

### Dimensions

| | |
|---|---|
| Length of the solder pin | 6 mm |

### Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -25 °C ... 85 °C (Plug / socket) |
| | -25 °C ... 85 °C (Plug / socket) |
| Degree of protection | IP67 (When plugged in) |
| | IP65 (When plugged in) |

### General

| | |
|---|---|
| Rated current at 40°C | 4 A |
| Rated voltage | 250 V |
| Number of positions | 4 |
| Insulation resistance | ≥ 100 MΩ |
| Coding | A - standard |

# Flush-type connector - SACC-DSI-FS-4CON-L180/SH YE - 1457885

## Technical data

### General

| | |
|---|---|
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Status display | No |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Connection method | Solder pins |
| Mounting type | Rear mounting Pg9 With flat nut |
| Thread type | Pg9 |

### Material

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Contact material | CuZn |
| Contact surface material | Au |
| Contact carrier material | PA 6.6 |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | NBR |

### Cable

| | |
|---|---|
| Standards/specifications | M12 connector IEC 61076-2-101 |

### Standards and Regulations

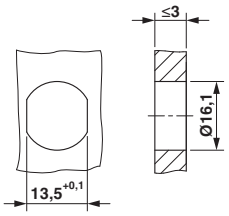
| | |
|---|---|
| Standards/specifications | M12 connector IEC 61076-2-101 |
| Flammability rating according to UL 94 | V0 |

### Environmental Product Compliance

| | |
|---|---|
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration” |

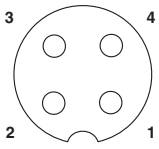
## Drawings

Dimensional drawing




Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with area as anti-rotation protection for panel thicknesses > 2 mm up to max. 4.5 mm)

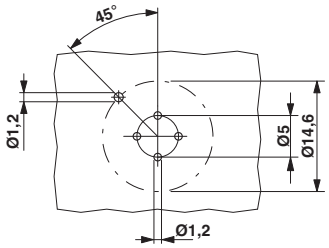
Schematic diagram



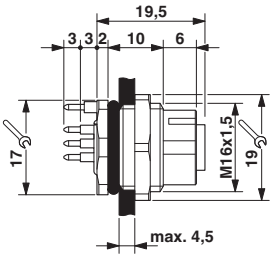

Pin assignment M12 socket, 4-pos., A-coded, view female side

# Flush-type connector - SACC-DSI-FS-4CON-L180/SH YE - 1457885

Drilling diagram

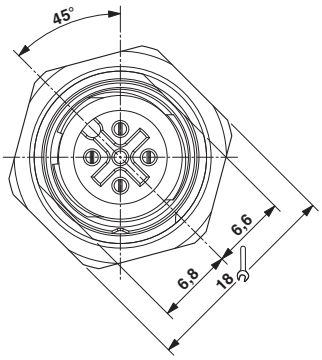



Dimensional drawing




M12 flush-type connector

Dimensional drawing




M12 front view

## Classifications

### eCl@ss

| | |
|---|---|
| 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 |
| eCl@ss 9.0 | 27440102 |

### ETIM

| | |
|---|---|
| ETIM 4.0 | EC002061 |
| ETIM 6.0 | EC002061 |

### UNSPSC

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

# Flush-type connector - SACC-DSI-FS-4CON-L180/SH YE - 1457885

## Classifications

### UNSPSC

| | |
|---|---|
| UNSPSC 13.2 | 39121413 |
| UNSPSC 19.0 | 39121413 |

## Approvals

### Approvals

Approvals

UL Recognized / EAC / cULus Recognized

Ex Approvals

### Approval details

| | | | |
|---|---|---|---|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 118976 |

| | |
|---|---|
| Nominal voltage UN | 250 V |
| Nominal current IN | 4 A |
| mm²/AWG/kcmil | 22 |

| | | |
|---|---|---|
| EAC | | B.01742 |

| | | | |
|---|---|---|---|
| cULus Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E221474-20140616 |

| | |
|---|---|
| Nominal voltage UN | 250 V |
| Nominal current IN | 4 A |
| mm²/AWG/kcmil | 22-20 |

Phoenix Contact 2021 © - all rights reserved
http://www.phoenixcontact.com

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
http://www.phoenixcontact.com