

Flush-type connector - SACC-DSI-M 8FS-6CON-M12/0,5 - 1453465


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 flush-type socket, 6-pos., M8, rear/screw mounting with M12 thread, with 0.5 m TPE litz wire, 6 x 0.14 mm²



Key commercial data

| | |
|--------------------------------------|--|
| Packing unit | 1 pc |
| GTIN |  4 046356 554398 |
| Weight per Piece (excluding packing) | 21.0 g |
| Custom tariff number | 85444290 |
| Country of origin | Germany |
| Product key | ABQBBD |

Technical data

Dimensions

| | |
|-----------------|-------|
| Length of cable | 0.5 m |
|-----------------|-------|

Ambient conditions

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

General

| | |
|------------------------|------------------------------|
| Rated current at 40°C | 2 A |
| Rated voltage | 30 V |
| Number of positions | 6 |
| 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 |

Flush-type connector - SACC-DSI-M 8FS-6CON-M12/0,5 - 1453465

Technical data

General

| | |
|-------------------|-----------------------|
| Connection method | Individual wires |
| Mounting type | Rear mounting M12 x 1 |

Material

| | |
|---|---------------------|
| Inflammability class according to UL 94 | HB |
| Contact material | Cu alloy |
| Contact surface material | Au |
| Contact carrier material | PUR / PA66 |
| Material, knurls | Nickel-plated brass |
| Sealing material | Viton |

Cable

| | |
|---------------------------------|--|
| Cable type | TPE litz wire |
| Conductor cross section | 0.14 mm ² |
| AWG signal line | 26 |
| Conductor structure signal line | 18x 0.10 mm |
| Wire colors | Black, brown, blue, white, gray, pink |
| Material conductor insulation | TPE |
| Conductor material | Tin-plated Cu litz wires |
| Insulation resistance | ≥ 20 MΩ*km |
| Conductor resistance | ≥ 80 Ω/km |
| Nominal voltage, cable | 300 V |
| Test voltage, cable | 2000 V AC |
| Ambient temperature (operation) | -25 °C ... 90 °C (cable, fixed installation) |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27279220 |
| eCl@ss 7.0 | 27440103 |
| eCl@ss 8.0 | 27440103 |

ETIM

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

Flush-type connector - SACC-DSI-M 8FS-6CON-M12/0,5 - 1453465

Classifications

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

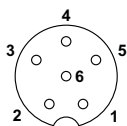
Approvals submitted

Approval details

| |
|-----|
| EAC |
|-----|

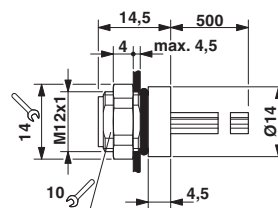
Drawings

Schematic diagram



Pin assignment M8 socket, 6-pos.

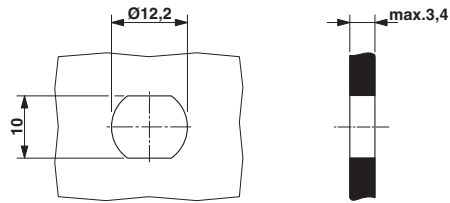
Dimensioned drawing



M8 flush-type socket

Flush-type connector - SACC-DSI-M 8FS-6CON-M12/0,5 - 1453465

Dimensioned drawing



Housing cutout for M8 flush-type connector, socket, one-section

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [phoenix contact manufacturer](#):

Other Similar products are found below :

[1203259](#) [3240366](#) [1893300](#) [2800744](#) [2867076](#) [3006564](#) [2800741](#) [5146480](#) [1582539](#) [1623633](#) [1507793](#) [3025587](#) [3069708](#) [1582223](#)
[1431461](#) [1586976](#) [0311647](#) [1460160](#) [1771338](#) [3048387](#) [2814605](#) [0309086](#) [1513716](#) [3035684](#) [5451417](#) [0202219](#) [1647747](#) [1730667](#)
[1709267](#) [5449018](#) [0311634](#) [1730696](#) [3034057](#) [0311579](#) [1730683](#) [0719032](#) [5449843](#) [3240098](#) [0311566](#) [0201391](#) [CRIMPFOX 16 S](#)
[CRIMPSET 25](#) [7001438](#) [ETD-BL-1T-F-300S](#) [MCR-1CLP-I-I-00](#) [MCR-4CLP-I-I-00](#) [MCR-DAC 8-I- 4-BUS](#) [FL EPA WMS](#) [FLK 50/EZ-DR/](#)
[400/KONFEK/S](#) [FLS PB M12 DO 8 M12-2A](#)