

## Flush-type connector - SACC-DSI-FSD-4CON-M16-L180 PP - 1027696

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Flush-type connector, 4-position, Socket, straight, M12-Push-Pull, D-coded, Rear mounting, M16, Wave soldering contacts

### Your advantages

- Established M12 standard for secure transmission of signals, data, and power
- Easy and quick cabling of devices and systems in hard-to-reach areas
- Manufacturer-independent M12 push-pull locking system for maximum availability
- Reliable shield connection even under extreme mechanical strain

**RoHS**

### Key Commercial Data

|                        |   |
|------------------------|---|
| Packing unit           | 12 pc   |
| Minimum order quantity | 12 pc   |
| GTIN                   | <br>4 055626 534015 |
| GTIN                   | 4055626534015   |

### Technical data

#### Dimensions

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

#### 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  |

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## Technical data

### General

|                             |                                 |
|-----------------------------|---------------------------------|
| Rated voltage               | 250 V                           |
| Rated surge voltage         | 1.5 kV                          |
| Number of positions         | 4                               |
| Coding                      | D-coded                         |
| Standards/regulations       | M12 connector                   |
| Status display              | No                              |
| Overvoltage category        | II                              |
| Degree of pollution         | 3                               |
| Connection method           | Wave soldering contacts         |
| Insertion/withdrawal cycles | > 100                           |
| Mounting type               | Rear mounting M16 With flat nut |

### Material

|  |                        |
|--|------------------------|
| Flammability rating according to UL 94 | V0                     |
| Contact material                       | CuZn                   |
| Contact surface material               | Au                     |
| Contact carrier material               | PA 6.6                 |
| Material of grip body                  | Nickel-plated brass    |
| Material, knurls                       | Nickel-plated brass    |
| Material                               | Brass, nickel-plated   |
| Sealing material                       | NBR/FKM                |
| Additional material specifications     | PU 2K (Grout material) |

### Cable

|                          |               |
|--------------------------|---------------|
| Standards/specifications | M12 connector |
|--------------------------|---------------|

### Standards and Regulations

|  |               |
|--|---------------|
| Standard designation                   | M12 connector |
| Flammability rating according to UL 94 | V0            |

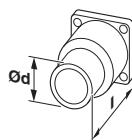
### Environmental Product Compliance

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

### Drawings

## Flush-type connector - SACC-DSI-FSD-4CON-M16-L180 PP - 1027696

Dimensional drawing



Dimensional drawings can be found under Downloads

### Approvals

#### Approvals

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#### Approvals

cULus Recognized

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#### Ex Approvals

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### Approval details

|                            |  |
|----------------------------|--|
| cULus Recognized           |  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E221474-20140616 |
| Nominal voltage UN         | 250 V  |
| Nominal current IN         | 4 A  |
| mm <sup>2</sup> /AWG/kcmil | 22-20  |

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