

## Flush-type connector - SACC-CIP-M12FS-4P SMD SH T - 1411949

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Flush-type connector, 4-position, SocketLink:straightLink:M12, A - standard, PCB mounting, SMD



### Key Commercial Data

|                        |          |
|------------------------|----------|
| Packing unit           | 1 pc     |
| Minimum order quantity | 60 pc    |
| Custom tariff number   | 85366990 |
| Country of origin      | Germany  |

### Technical data

#### Ambient conditions

|                                 |   |
|---------------------------------|---|
| Ambient temperature (operation) | -25 °C ... 105 °C (Plug / socket)                                     |
|                                 | -40 °C ... 105 °C (without mechanical actuation)                      |
| Degree of protection            | IP67 (correctly plugged in and locked)                                |
|                                 | IP65 (not plugged in, by means of additional O-ring seal with device) |

#### 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         | 250 V  |
| Rated surge voltage   | 2.5 kV   |
| Number of positions   | 4  |
| Contact resistance    | ≤ 3 mΩ   |
| Insulation resistance | ≥ 100 MΩ   |
| Coding                | A - standard   |

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### Technical data

#### General

|                             |  |
|-----------------------------|--|
| Standards/regulations       | M12 connector IEC 61076-2-101 In line with |
| Surge voltage category      | II   |
| Pollution degree            | 3  |
| Connection method           | SMD  |
| Insertion/withdrawal cycles | > 100                                      |
| Mounting type               | PCB mounting                               |
| Type of packaging           | Tray                                       |

#### Material

|   |      |
|---|------|
| Inflammability class according to UL 94 | V0   |
| Contact material                        | CuZn |
| Contact surface material                | Au   |
| Contact carrier material                | PA   |
| Sealing material                        | FKM  |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |

#### ETIM

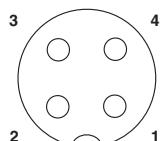
|          |          |
|----------|----------|
| ETIM 5.0 | EC002061 |
|----------|----------|

### Drawings

#### Dimensional drawing

SMD  
tray  
packaging

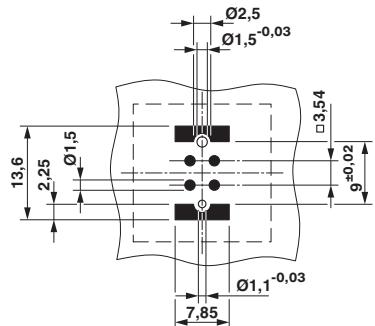
#### Schematic diagram



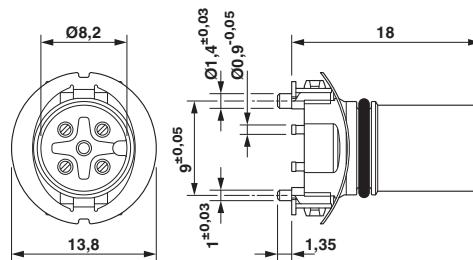
Pin assignment M12 socket, 4-pos., A-coded, view female side

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Drilling diagram



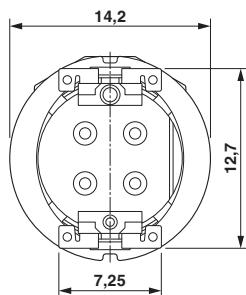
Dimensional drawing



M12 female connector contact carrier

Soldering pad geometry

Dimensional drawing



View of solder side