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## Panel feed-through - SACC-DSI-MS-8CON-M12-SCO SH - 1552997

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Sensor/actuator flush-type plug, 8-pos., M12 SPEEDCON, shielded, rear/screw mounting with M12 thread, with straight solder connection



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 20 pc    |
| Weight per Piece (excluding packing) | 8.5 g    |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### 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 | 2 A  |
| Rated voltage         | 30 V   |
| Rated surge voltage   | 0.8 kV   |
| Number of positions   | 8  |
| Insulation resistance | ≥ 100 MΩ   |
| Coding                | A - standard   |

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### Technical data

#### General

|                             |                                     |
|-----------------------------|-------------------------------------|
| Standards/regulations       | M12 connector IEC 61076-2-101       |
| Status display              | No                                  |
| Overvoltage category        | II                                  |
| Pollution degree            | 3                                   |
| Connection method           | Solder pins                         |
| Insertion/withdrawal cycles | > 100                               |
| Torque                      | 1.5 Nm ... 2 Nm (Installation-side) |
| Mounting type               | Rear mounting M12 x 1 With flat nut |

#### Material

|  |                              |
|--|------------------------------|
| Flammability rating according to UL 94 | V0                           |
| Contact material                       | CuZn                         |
| Contact surface material               | Au                           |
| Contact carrier material               | PA 66                        |
| Material, knurls                       | Zinc die-cast, nickel-plated |
| Sealing material                       | NBR                          |

#### Standards and Regulations

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

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27440103 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002061 |

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### Classifications

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

### Approvals

#### Approvals


#### Approvals

UL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

|   |       |
|---|-------|
| UL Recognized  |       |
| mm²/AWG/kcmil   | 26-20 |
| Nominal current I <sub>N</sub>  | 2 A   |
| Nominal voltage U <sub>N</sub>  | 30 V  |

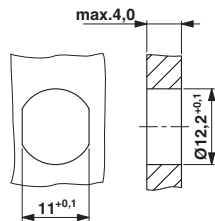
|     |
|-----|
| EAC |
|-----|

|                                |      |
|--------------------------------|------|
| cULus Recognized               |      |
| mm²/AWG/kcmil                  | 22   |
| Nominal current I <sub>N</sub> | 2 A  |
| Nominal voltage U <sub>N</sub> | 30 V |

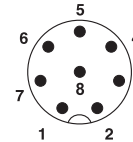
# Panel feed-through - SACC-DSI-MS-8CON-M12-SCO SH - 1552997

## Drawings

Dimensional drawing



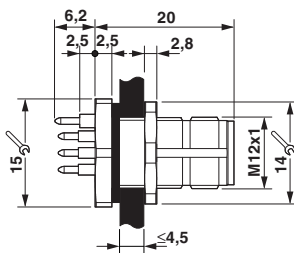
Schematic diagram



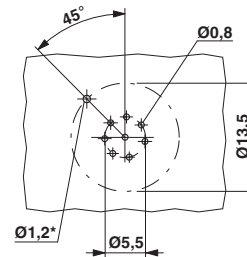
Pin assignment M12 plug, 8-pos., view plug side

## Panel cutout

Dimensional drawing

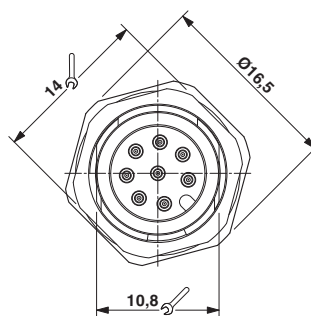


Drilling diagram



## M12 flush-type connector

Dimensional drawing



Front view of M12 flush-type connector