

## Contact carriers - SACC-MCI-M12MS-8CON - 1440928

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8-pos. contact carrier, with splice ring

The figure shows the 8-position version of the product

### Why buy this product

- Convenient field assembly: device connectors for fast on-site mounting
- Contact carriers that can be freely assembled or available with pre-assembled litz wires
- Standard pin assignments for signal and power transmission with a uniform design-in design



### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 STK   |
| Minimum order quantity               | 10 STK  |
| GTIN                                 | <br>4 046356 533768 |
| GTIN                                 | 4046356533768   |
| Weight per Piece (excluding packing) | 20.000 g  |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### Ambient conditions

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

#### General

|                       |     |
|-----------------------|-----|
| Rated current at 40°C | 2 A |
|-----------------------|-----|

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### Technical data

#### General

|                       |  |
|-----------------------|--|
| Rated voltage         | 30 V   |
| Rated surge voltage   | 0.8 kV   |
| Number of positions   | 8  |
| Insulation resistance | ≥ 100 MΩ                                       |
| Coding                | A - standard                                   |
| Standards/regulations | M12 connector IEC 61076-2-101                  |
| Status display        | No   |
| Overvoltage category  | II   |
| Degree of pollution   | 3  |
| Connection method     | Crimp contacts                                 |
| Mounting type         | Front mounting Square flange 25 mm side length |

#### Material

|  |        |
|--|--------|
| Flammability rating according to UL 94 | V0     |
| Contact carrier material               | PA 6.6 |

#### Cable

|                          |                               |
|--------------------------|-------------------------------|
| Conductor cross section  | 0.25 mm <sup>2</sup>          |
| Standards/specifications | M12 connector IEC 61076-2-101 |

#### Standards and Regulations

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

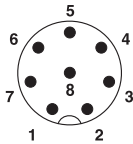
#### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

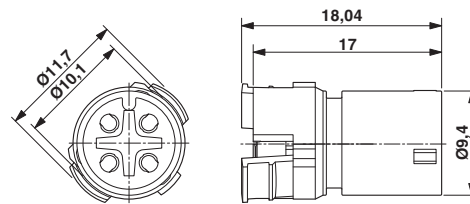
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Schematic diagram



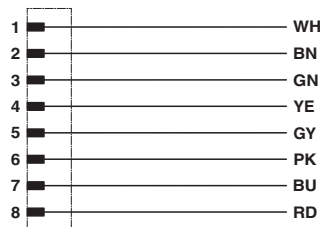
Pin assignment M12 plug, 8-pos., view plug side

Dimensional drawing



The figure shows the 4-pos., A-coded version

Circuit diagram



Contact assignment of the M12 plug

## 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 |
| eCl@ss 9.0 | 27440102 |

ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002061 |
| ETIM 6.0 | EC002061 |

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## Classifications

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 39121413 |

## Approvals

### Approvals

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#### Approvals

EAC

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#### Ex Approvals

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### Approval details

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

## Accessories

### Accessories

#### Crimp contact

Crimp contact - CC-0,8-ST-0,34-MS AU - 1452372



Crimp contact, diameter 0.8 mm, for the 8-pos. contact insert, crimp range from 0.08 mm<sup>2</sup> - 0.34 mm<sup>2</sup>.

### Panel mounting base

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### Accessories

Flange - SACC-MSQ-M12MS-25-3,2 SCO - 1419959



Flange housing, 25 mm x 25 mm

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### Protective cap

Sealing cap - PROT-M12 FS - 1560251



M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

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Sealing cap - PROT-M12 FS-M - 1430488



M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

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