

## Contact carriers - SACC-MCI-M12MS-8CON/0,5 - 1457827

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Assembled contact carrier and insulating body with 0.5 m litz wires and crimp contacts

### Your advantages

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

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 046356 623773 |
| GTIN         | 4046356623773   |

### 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                           |
| Rated voltage         | 30 V                          |
| 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                             |

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### Technical data

#### General

|                   |                |
|-------------------|----------------|
| Connection method | Crimp contacts |
|-------------------|----------------|

#### Material

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

#### Cable

|                                 |   |
|---------------------------------|---|
| Cable type                      | TPE litz wire                                   |
| AWG signal line                 | 24  |
| Conductor structure signal line | 0.25 mm   |
| Outer sheath, material          | TPE   |
| Standards/specifications        | M12 connector IEC 61076-2-101                   |
| Ambient temperature (operation) | -40 °C ... 85 °C (cable, fixed installation)    |
|                                 | -25 °C ... 85 °C (cable, flexible installation) |

#### Standards and Regulations

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

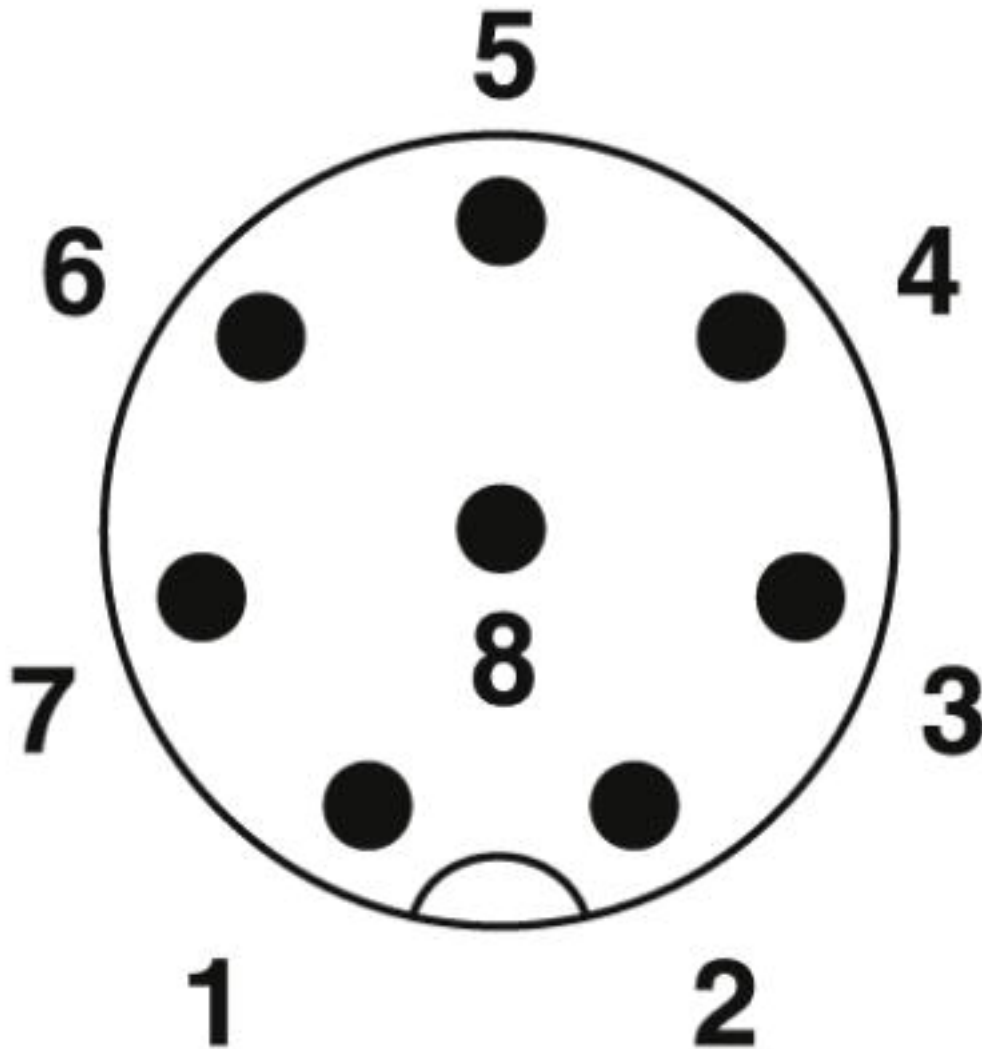
#### Environmental Product Compliance

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

### Drawings

## Contact carriers - SACC-MCI-M12MS-8CON/0,5 - 1457827

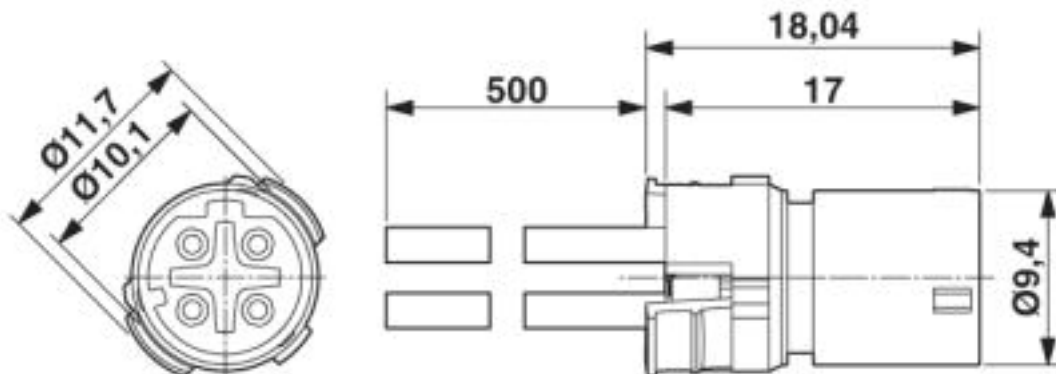
Schematic diagram



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

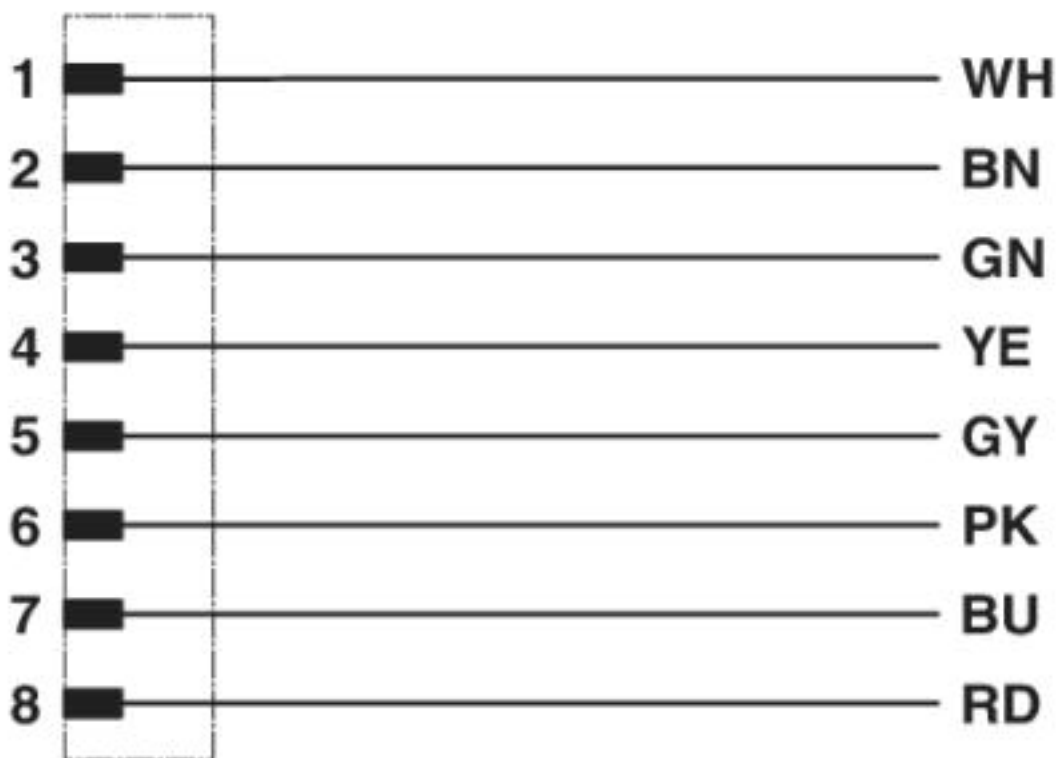
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Dimensional drawing



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

Circuit diagram



Contact assignment of the M12 plug

## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440102 |
| eCl@ss 4.0    | 27140800 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27140800 |
| eCl@ss 5.0 | 27143400 |
| eCl@ss 5.1 | 27143400 |
| eCl@ss 6.0 | 27279200 |
| eCl@ss 7.0 | 27440103 |
| eCl@ss 8.0 | 27440103 |
| eCl@ss 9.0 | 27440102 |

#### ETIM

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

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 39121413 |
| UNSPSC 18.0   | 39121413 |
| UNSPSC 19.0   | 39121413 |
| UNSPSC 20.0   | 39121413 |
| UNSPSC 21.0   | 39121413 |

### Approvals

#### Approvals

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Approvals


EAC

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Ex Approvals

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#### Approval details

|     |   |         |
|-----|---|---------|
| EAC |  | B.01687 |
|-----|---|---------|

## Contact carriers - SACC-MCI-M12MS-8CON/0,5 - 1457827

### Accessories

#### Accessories

#### Panel mounting base

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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