

## Contact carriers - SACC-MCI-MSS-4CON/0,5 PE SCO - 1424129

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Assembled contact carrier and insulating body, S-coding, 3-pos. + PE, 0.5 m long litz wires



### Key commercial data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 1      |
| Custom tariff number | 85366990 |
| Country of origin    | Germany  |

### Technical data

#### Dimensions

|                 |       |
|-----------------|-------|
| Length of cable | 0.5 m |
|-----------------|-------|

#### Ambient conditions

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

#### General

|                        |                  |
|------------------------|------------------|
| Rated current at 40°C  | 12 A             |
| Rated voltage          | 630 V            |
| Number of positions    | 4                |
| Contact resistance     | ≤ 3 mΩ           |
| Insulation resistance  | ≥ 100 MΩ         |
| Coding                 | S power          |
| Standards/regulations  | M12 connector    |
| Status display         | No               |
| Surge voltage category | III              |
| Pollution degree       | 3                |
| Connection method      | Individual wires |

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### Technical data

#### General

|               |                             |
|---------------|-----------------------------|
| Torque        | (M12 connector)             |
| Mounting type | Rear mounting With flat nut |

#### Material

|                          |      |
|--------------------------|------|
| Contact material         | CuZn |
| Contact surface material | Au   |
| Contact carrier material | PA6  |
| Sealing material         | FKM  |

#### Cable

|                                 |                                                              |
|---------------------------------|--------------------------------------------------------------|
| Cable type                      | PP litz wire                                                 |
| Conductor cross section         | 1.5 mm <sup>2</sup>                                          |
| AWG signal line                 | 16                                                           |
| Wire colors                     | Black numbered, black numbered, black numbered, green-yellow |
| Conductor material              | Bare Cu litz wires                                           |
| Ambient temperature (operation) | -40 °C ... 90 °C (cable, fixed installation)                 |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27449001 |

#### ETIM

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

#### UNSPSC

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

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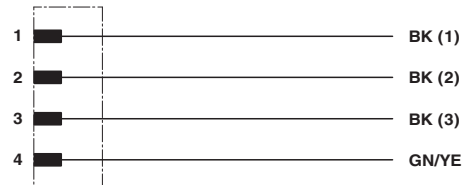
### Drawings

Schematic diagram



M12 plug pin assignment, 4-pos., S-coded, plug side view

Circuit diagram



Contact assignment of the M12 plug