

## Connector - SACC-M 8MR-4CON-M-SW - 1407585

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Connector, 4-position, Plug angled M8, A-coded, Screw connection, Knurl material: Nickel-plated brass, External cable diameter 3.5 mm ... 5 mm

### Why buy this product

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: connectors for on-site assembly
- ✓ Screw connection: proven connection technology for a large selection of different conductors

RoHS

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 STK   |
| GTIN         | <br>4 046356 780056 |
| GTIN         | 4046356780056   |

### Technical data

#### Dimensions

|   |                 |
|---|-----------------|
| External cable diameter                 | 3.5 mm ... 5 mm |
| Stripping length of the sheath          | 12 mm           |
| Stripping length of the individual wire | 4 mm            |

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Degree of protection            | IP67             |

#### General

|                       |              |
|-----------------------|--------------|
| Rated current at 40°C | 4 A          |
| Rated voltage         | 30 V         |
| Number of positions   | 4            |
| Insulation resistance | ≥ 100 MΩ     |
| Coding                | A - standard |

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## Technical data

### General

|                             |  |
|-----------------------------|--|
| Standards/regulations       | M8 connector IEC 61076-2-104   |
| Status display              | No   |
| Overvoltage category        | II   |
| Degree of pollution         | 3  |
| Connection method           | Screw connection   |
| Conductor cross section     | 0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>   |
| Conductor cross section AWG | 26 ... 20  |
| Insertion/withdrawal cycles | ≥ 100  |
| Torque                      | 0.2 Nm (M8 knurl)  |
|                             | 0.5 Nm (Connector with coupling sleeve)  |
|                             | 0.3 Nm ... 0.4 Nm (Pressure screw for outer cable diameter 3 mm ... 4 mm)                |
|                             | 0.8 Nm ... 1 Nm (Pressure screw in the case of external cable diameter 4 mm ... 5 mm)    |
|                             | 0.1 Nm (Screw terminal blocks)   |
| Assembly instructions       | The wires can be connected both with ferrules (without insulation) and without ferrules. |
|                             | The connector pin assignment can be rotated 180° to the cable outlet                     |

### Material

|  |                     |
|--|---------------------|
| Flammability rating according to UL 94 | HB                  |
| Contact material                       | CuZn                |
| Contact surface material               | Au                  |
| Contact carrier material               | PA                  |
| Material of grip body                  | PBT                 |
| Material, knurls                       | Nickel-plated brass |
| Sealing material                       | NBR                 |

### Cable

|                          |                              |
|--------------------------|------------------------------|
| Standards/specifications | M8 connector IEC 61076-2-104 |
|--------------------------|------------------------------|

### Standards and Regulations

|  |                 |
|--|-----------------|
| Standard designation                   | M8 connector    |
| Standards/regulations                  | IEC 61076-2-104 |
| Flammability rating according to UL 94 | HB              |

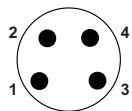
### Environmental Product Compliance

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

### Drawings

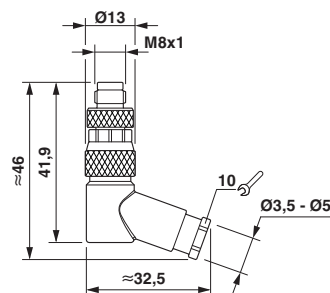
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Schematic diagram



Pin assignment M8 plug, 4-pos., view male side

Dimensional drawing



Socket M8 x 1, angled

## Approvals

### Approvals

#### Approvals

EAC / EAC / UL Listed / cUL Listed / cULus Listed

#### Ex Approvals

### Approval details

|     |  |                     |
|-----|--|---------------------|
| EAC |  | 7500651.22.01.00246 |
|-----|--|---------------------|

|     |  |               |
|-----|--|---------------|
| EAC |  | EAC-Zulassung |
|-----|--|---------------|


|                                |  |   |               |
|--------------------------------|--|---|---------------|
| UL Listed                      |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 221474 |
| Nominal current I <sub>N</sub> |  | 4 A   |               |
| Nominal voltage U <sub>N</sub> |  | 30 V  |               |

|                                |  |   |               |
|--------------------------------|--|---|---------------|
| cUL Listed                     |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 221474 |
| Nominal current I <sub>N</sub> |  | 4 A   |               |

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### Approvals

|                    |      |
|--------------------|------|
| Nominal voltage UN | 30 V |
|--------------------|------|

|              |   |
|--------------|---|
| cULus Listed |  |
|--------------|---|

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