

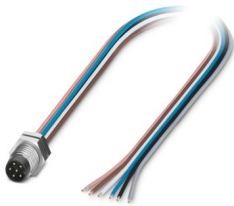
# SACC-DSI-M8MS-6CON-M8/0,1-0,08 - Device connector rear mounting



1426207

<https://www.phoenixcontact.com/us/products/1426207>

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Device connector rear mounting, Universal, 6-position, Pin, M8, A-coding, on free cable end, Individual wires

## Your advantages

- Preassembled with litz wires for immediate use
- Customer-specific assemblies and litz wire lengths available
- Sealed on the litz wire side for optimum leak-tightness
- Standard pin assignments and codings for signal transmission with a uniform design-in design

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1426207       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB22          |
| Product key                          | ABQJAG        |
| GTIN                                 | 4055626449258 |
| Weight per piece (including packing) | 6.6 g         |
| Weight per piece (excluding packing) | 4 g           |
| Customs tariff number                | 85444290      |
| Country of origin                    | DE            |

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## Technical data

### Mounting

|               |                                       |
|---------------|---------------------------------------|
| Mounting type | Rear mounting (M8 x 1, with flat nut) |
|---------------|---------------------------------------|

### Product properties

|                      |                                   |
|----------------------|-----------------------------------|
| Product type         | Circular connectors (device side) |
| Application          | Data                              |
| Sensor type          | Universal                         |
| Number of positions  | 6                                 |
| No. of cable outlets | 1                                 |
| Coding               | A                                 |
| Thread type          | M8                                |

### Insulation characteristics

|                      |    |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution  | 3  |

### Material specifications

|  |                      |
|--|----------------------|
| Flammability rating according to UL 94 | HB                   |
| Seal material                          | FKM                  |
| Contact material                       | Cu alloy             |
| Contact surface material               | Au                   |
| Contact carrier material               | PUR/PA 6.6           |
| Material for screw connection          | Brass, nickel-plated |

### Electrical properties

|                       |         |
|-----------------------|---------|
| Nominal voltage $U_N$ | 30 V AC |
|                       | 30 V DC |
| Nominal current $I_N$ | 2 A     |

### Connection data

#### Conductor connection

|                         |                  |
|-------------------------|------------------|
| Connection method       | Individual wires |
| Contact connection type | Pin              |

### Connector

#### Connection 1

|                  |     |
|------------------|-----|
| Head design      | Pin |
| Head thread type | M8  |
| Coding           | A   |

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## Connection 2

|             |                |
|-------------|----------------|
| Head design | free cable end |
|-------------|----------------|

## Cable/line

|                                 |  |
|---------------------------------|--|
| Signal type/category            | Universal  |
| Ambient temperature (operation) | -40 °C ... 105 °C (cable, fixed installation)    |
|                                 | -10 °C ... 105 °C (Cable, flexible installation) |

## Environmental and real-life conditions

### Ambient conditions

|  |  |
|--|--|
| Degree of protection   | IP67   |
| Ambient temperature (operation)                                | -25 °C ... 85 °C (Plug)                          |
| Ambient temperature (operation) (Cable, fixed installation)    | -40 °C ... 105 °C (cable, fixed installation)    |
| Ambient temperature (operation) (Cable, flexible installation) | -10 °C ... 105 °C (Cable, flexible installation) |

## Standards and regulations

|                          |                              |
|--------------------------|------------------------------|
| Standard designation     | M8 circular connector        |
| Standards/specifications | according to IEC 61076-2-104 |

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## Drawings

Schematic diagram



Pin assignment M8 plug, 6-pos., view male side

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1426207>

|  <b>cUL Recognized</b><br>Approval ID: E221474-20070307 |                       |                       |                   |                      |
|--|-----------------------|-----------------------|-------------------|----------------------|
|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
| keine  |                       |                       |                   |                      |
|  | 30 V                  | 1.5 A                 | 26                | -                    |

|  <b>UL Recognized</b><br>Approval ID: E221474-20070307 |                       |                       |                   |                      |
|---|-----------------------|-----------------------|-------------------|----------------------|
|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
| keine   |                       |                       |                   |                      |
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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440103 |
| ECLASS-15.0 | 27440103 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC003570 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |      |
|---|------|
| Fulfills EU RoHS substance requirements | Yes  |
| Exemption                               | 6(c) |

### China RoHS

|  |   |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50   |
|  | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

### EU REACH SVHC

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1)                 |
| SCIP                                | 3c651d71-9ece-4783-84b3-aff15128b64d |

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