

# SACC-E-M 8FS-5CON-M 8/0,5 DN - Device connector front mounting



1440106

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Device connector front mounting, DeviceNet™, 5-position, Socket, straight, M8, coding: B, Front mounting, M8 x 0.5, Individual wires, cable length: 0.5 m, 0.25 mm<sup>2</sup>, PVC litz wire

## Commercial data

|                                      |                   |
|--------------------------------------|-------------------|
| Item number                          | 1440106           |
| Packing unit                         | 1 pc              |
| Minimum order quantity               | 1 pc              |
| Product key                          | ABQIBA            |
| Catalog page                         | Page 22 (PC-2009) |
| GTIN                                 | 4046356481335     |
| Weight per piece (including packing) | 15 g              |
| Weight per piece (excluding packing) | 15 g              |
| Customs tariff number                | 85444290          |
| Country of origin                    | PL                |

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## Technical data

### Mounting

|                   |                         |
|-------------------|-------------------------|
| Mounting type     | Front mounting M8 x 0.5 |
| Connection method | Individual wires        |

### Product properties

|                      |                                   |
|----------------------|-----------------------------------|
| Product type         | Circular connectors (device side) |
| Sensor type          | DeviceNet™                        |
| Number of positions  | 5                                 |
| No. of cable outlets | 1                                 |
| Shielded             | no                                |
| Coding               | B                                 |
| Thread type          | M8                                |

### Insulation characteristics

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

### Material specifications

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

### Electrical properties

|                       |                            |
|-----------------------|----------------------------|
| Contact resistance    | $\leq 3 \text{ m}\Omega$   |
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Nominal voltage $U_N$ | 30 V                       |
| Nominal current $I_N$ | 4 A                        |

### Connection data

#### Conductor connection

|                         |                  |
|-------------------------|------------------|
| Connection method       | Individual wires |
| Contact connection type | Socket           |
| Conductor cross section | 0.25 mm²         |

### Connector

#### Connection 1

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|                   |          |
|-------------------|----------|
| Head design       | Socket   |
| Head cable outlet | straight |
| Head thread type  | M8       |
| Coding            | B        |

## Cable/line

|                          |                               |
|--------------------------|-------------------------------|
| Cable length             | 0.5 m                         |
| Cable type               | PVC litz wire                 |
| Signal type/category     | DeviceNet™                    |
| Single wire, color       | white, black, gray, red, blue |
| Cable cross section      | 0.25 mm²                      |
| Conductor material       | Tin-plated Cu litz wires      |
| AWG signal line          | 26                            |
| Material wire insulation | PVC                           |

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

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

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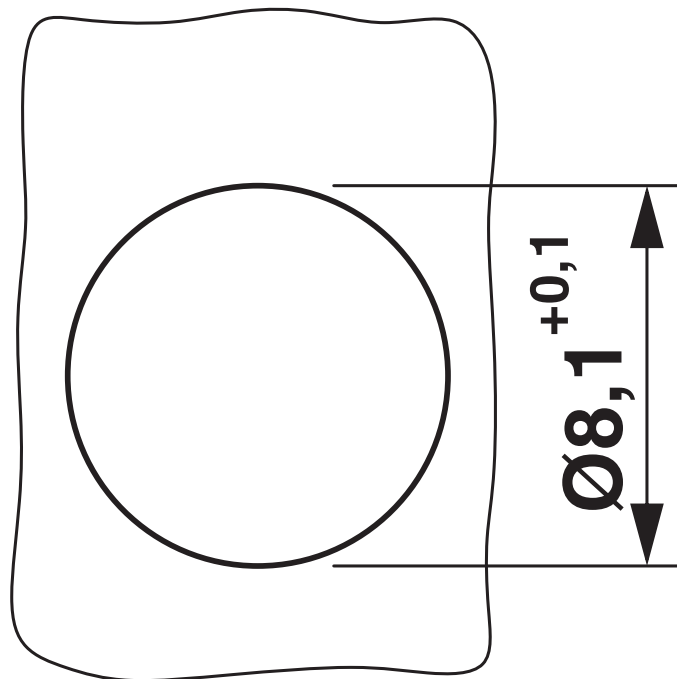


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## Drawings

### Dimensional drawing



### Installation dimensions

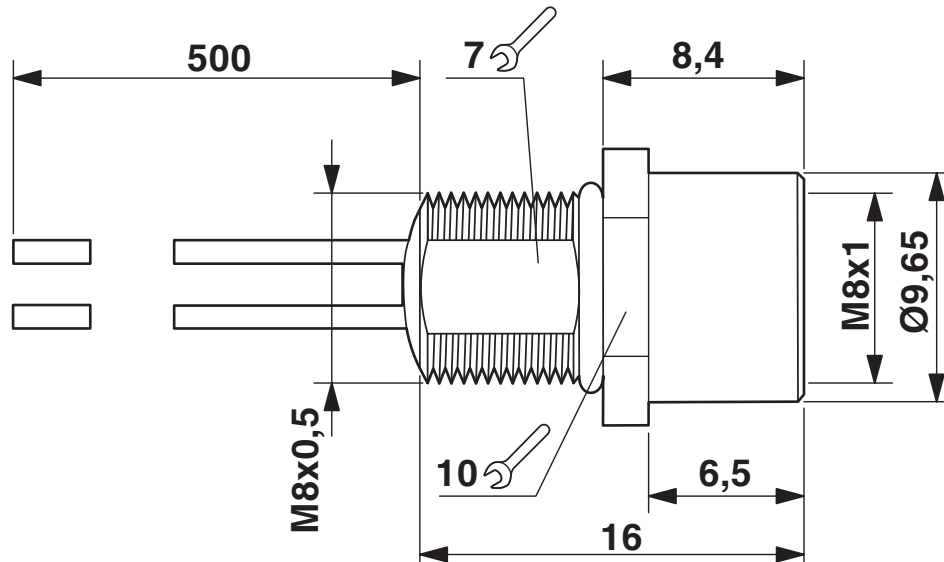
# SACC-E-M 8FS-5CON-M 8/0,5 DN - Device connector front mounting



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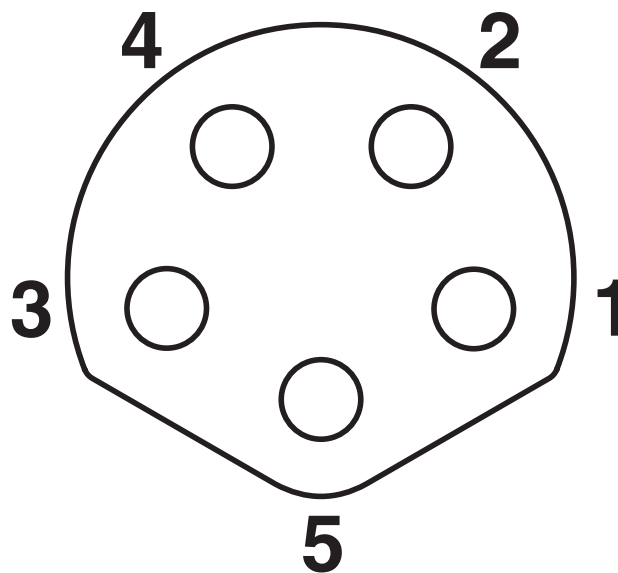
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Dimensional drawing



Dimensional drawing

Schematic diagram



Connector pin assignment M8 socket, 5-pos., B-coded, socket side view

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440102 |
| ECLASS-12.0 | 27440116 |
| ECLASS-13.0 | 27440116 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002635 |
|----------|----------|

### UNSPSC

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

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## Environmental product compliance

|            |  |
|------------|--|
| REACH SVHC | Lead 7439-92-1   |
| China RoHS | Environmentally Friendly Use Period = 50 years   |
|            | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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