

|                           |                       |                                                                                     |
|---------------------------|-----------------------|-------------------------------------------------------------------------------------|
| 22260101                  | <b>DATA SHEET</b>     |  |
| Valid from:<br>12.09.2019 | <b>AB-C4-M8MS-0,5</b> |                                                                                     |

## Product description

Sensor/actuator flush-type plug, M8, 4-pos.,  
front/screw mounting, with M8 thread,  
with 0.5 m TPE litz wire, 4 x 0.25 mm<sup>2</sup>



## General properties, flush-type connector

|                                          |               |
|------------------------------------------|---------------|
| Ambient temperature                      | -25 to +85 °C |
| Protection degree                        | IP67          |
| Number of contacts                       | 4             |
| Coding                                   | A             |
| Termination type                         | single wires  |
| Conductor cross section, AWG             | 24            |
| Conductor cross section, mm <sup>2</sup> | 0.25          |
| Mating cycles                            | 100           |

## General properties, cable

|                                                   |                      |
|---------------------------------------------------|----------------------|
| Insulation, material                              | TPE                  |
| Cable type                                        | stranded single wire |
| Conductor, material                               | tinned copper        |
| Cores, outer diameter                             | 1.5 mm               |
| Permissible temperature range, fixed installation | -30 to 105 °C        |

## Electrical properties

|                                |           |
|--------------------------------|-----------|
| Rated voltage                  | 60 V      |
| Contact resistance             | ≤ 3 mΩ    |
| Insulation resistance          | ≥ 100 MΩ  |
| Proof voltage, contact-contact | ≥ 1.00 kV |
| Proof voltage, contact-housing | ≥ 0.85 kV |
| Rated current                  | 4 A       |
| Overvoltage category           | II        |
| Pollution degree               | 3         |

## Materials, M8 flush-type connector

|                                                                |                  |
|----------------------------------------------------------------|------------------|
| Contact carrier                                                | PA               |
| Contact carrier, inflammability class in accordance with UL 94 | HB               |
| Contacts, base material                                        | CuZn             |
| Contacts, surface                                              | Au               |
| Knurl                                                          | Brass, Ni plated |
| Grip body                                                      | PA               |
| Sealing                                                        | FKM              |

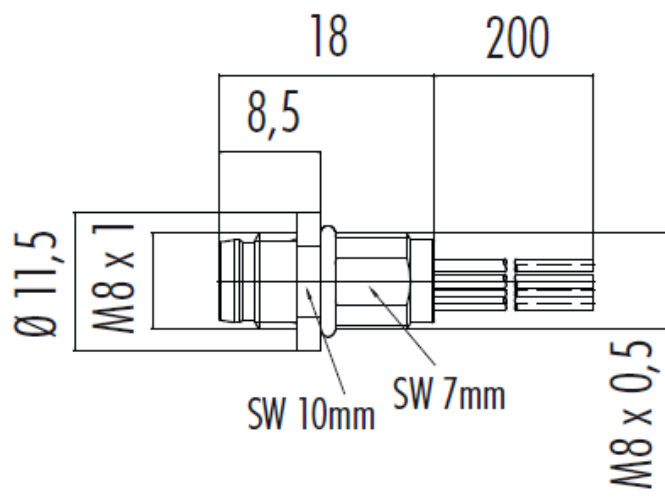
## Standards

|                  |                                         |
|------------------|-----------------------------------------|
| Product standard | M8-Connector acc. to DIN EN 61076-2-104 |
|------------------|-----------------------------------------|

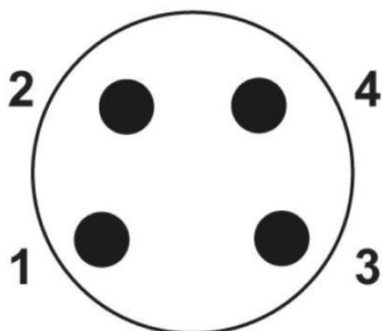
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## Drawings



## Pin assignment



## Application range

Connection of enclosures and cabinets

## Note

Photographs are not true to scale and do not represent detailed images of the respective products.

|                                           |                                       |             |
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