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|---------------------------|--------------------------|-------------------------------------------------------------------------------------|
| 22262010                  | <b>DATA SHEET</b>        |  |
| Valid from:<br>17.09.2018 | <b>AB-C4-M12MST-PG11</b> |                                                                                     |

## Description

M12 Power connector, male, straight, 4-pos.,  
T-coded, screw connection, metal knurl,  
cable screw 8 - 10 mm



## Common values

|                             |                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connector / Type            | cable connector                                                                                                                                        |
| M12 coding                  | T Power                                                                                                                                                |
| Latching mechanism          | Screwed                                                                                                                                                |
| Cable outlet                | 8 - 10 mm                                                                                                                                              |
| Wire gauge (mm)             | 0,75 - 1,50 mm <sup>2</sup>                                                                                                                            |
| Wire gauge (AWG)            | 18 - 16                                                                                                                                                |
| Upper temperature           | + 85 °C                                                                                                                                                |
| Lower temperature           | - 40 °C                                                                                                                                                |
| Material of contact         | CuZn                                                                                                                                                   |
| Material of contact surface | Au                                                                                                                                                     |
| Material of contact body    | PA                                                                                                                                                     |
| Material of housing         | PA                                                                                                                                                     |
| Material of cable seal      | NBR                                                                                                                                                    |
| Tightening torque           | 0,6 Nm (M12-knurl)<br>1 Nm ... 1,4 Nm (screw down nut with sleeve housing)<br>0,6 Nm (connector module with sleeve housing)<br>0,4 Nm (screw terminal) |

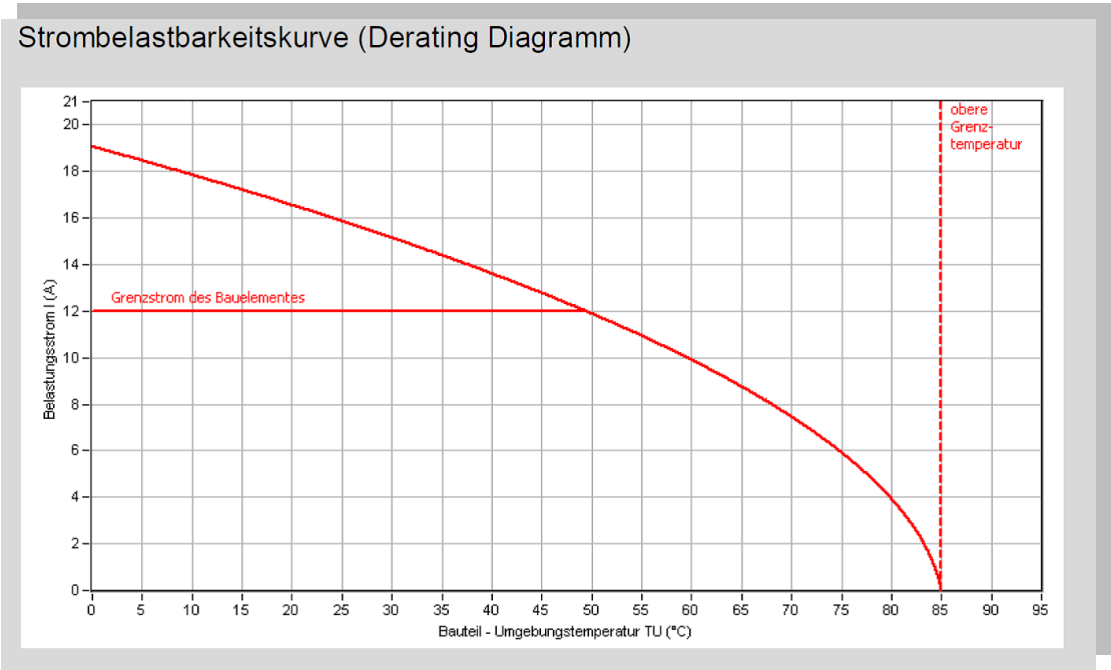
## Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 60 V               |
| Rated impulse voltage | 1500 V             |
| Pollution degree      | 3                  |
| Overvoltage category  | III                |
| Material group        | III                |
| Rated current (40°C)  | 12 A               |
| Volume resistivity    | ≤ 3 mΩ             |
| Degree of protection  | IP 67              |
| Mechanical operation  | >100 mating cycles |

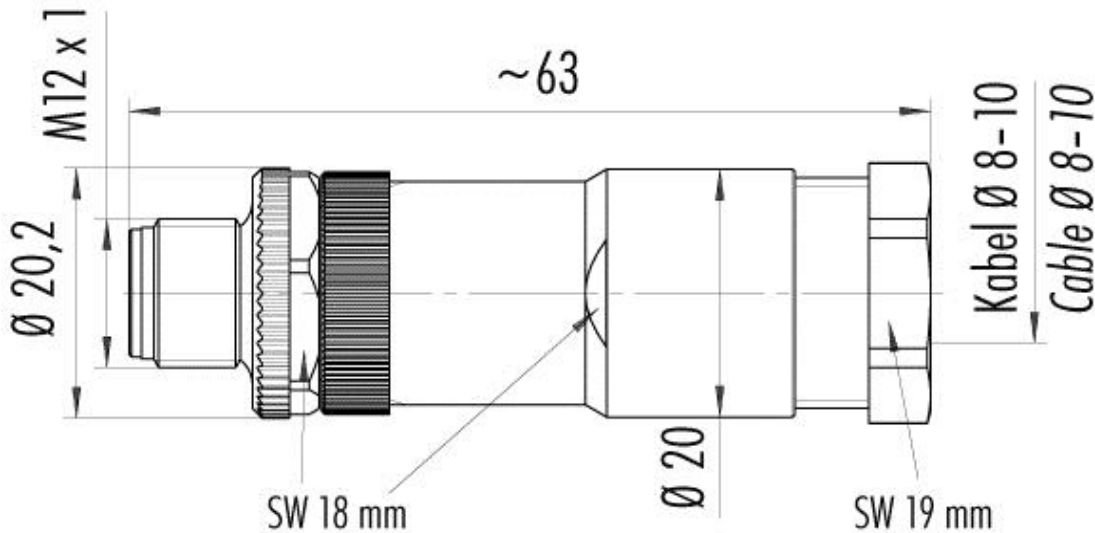
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Derating Diagramm

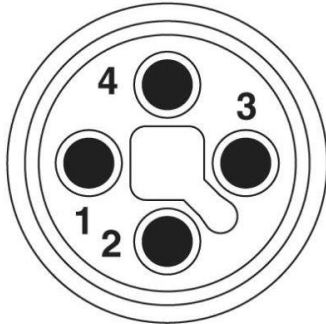


Technical drawings and dimensions



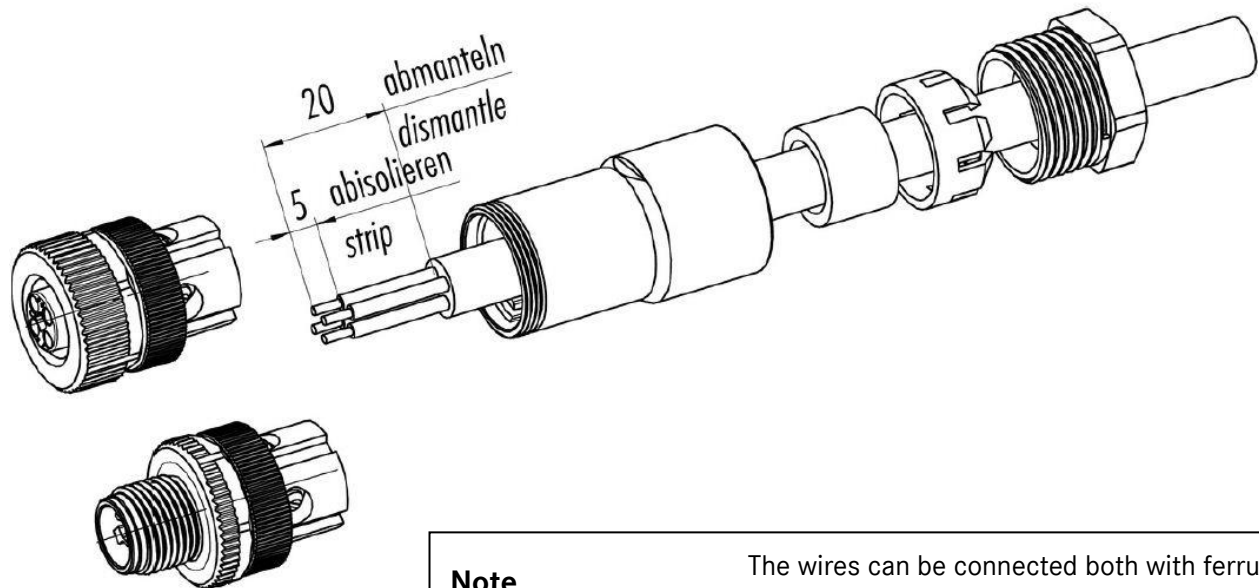
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## Pole arrangement



Schemazeichnung  
Polbild M12-Stecker, 4-polig, T-kodiert, Ansicht Stiftseite

## Mounting



### Note

The wires can be connected both with ferrules and without ferrules

## Application range

Automation, industrial machinery and plant engineering

### Note

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

|                                           |                                       |             |
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