

Product description **Contacts: 8, female cable connector, cable outlet 3 -4 mm**  
 Area **M9 IP40 Series 711**  
 Order number **99 0480 100 08**

| Illustration | Scale drawing | Contact arrangement  |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |
|--------------|---------------|--|--|---|---|---|-------|-------|---|-------|-------|---|-------|------|---|------|------|---|------|------|---|------|-------|---|------|-------|---|------|------|
|              |               | <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>1</td><td>-0,90</td><td>-1,65</td></tr> <tr><td>2</td><td>-1,85</td><td>-0,35</td></tr> <tr><td>3</td><td>-1,45</td><td>1,20</td></tr> <tr><td>4</td><td>0,00</td><td>1,85</td></tr> <tr><td>5</td><td>1,45</td><td>1,20</td></tr> <tr><td>6</td><td>1,85</td><td>-0,35</td></tr> <tr><td>7</td><td>0,90</td><td>-1,65</td></tr> <tr><td>8</td><td>0,00</td><td>0,00</td></tr> </tbody> </table> |  | X | Y | 1 | -0,90 | -1,65 | 2 | -1,85 | -0,35 | 3 | -1,45 | 1,20 | 4 | 0,00 | 1,85 | 5 | 1,45 | 1,20 | 6 | 1,85 | -0,35 | 7 | 0,90 | -1,65 | 8 | 0,00 | 0,00 |
|              | X             | Y  |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |
| 1            | -0,90         | -1,65  |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |
| 2            | -1,85         | -0,35  |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |
| 3            | -1,45         | 1,20   |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |
| 4            | 0,00          | 1,85   |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |
| 5            | 1,45          | 1,20   |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |
| 6            | 1,85          | -0,35  |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |
| 7            | 0,90          | -1,65  |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |
| 8            | 0,00          | 0,00   |  |   |   |   |       |       |   |       |       |   |       |      |   |      |      |   |      |      |   |      |       |   |      |       |   |      |      |

You can find the component part drawing on the next page.

## Technical data

### General values

|                          |                      |
|--------------------------|----------------------|
| Connector design         | Kabeldose            |
| Connector locking system | schraub              |
| Termination              | löten                |
| Wire gauge (mm)          | 0,14 mm <sup>2</sup> |
| Wire gauge (AWG)         | 26                   |
| Cable outlet             | 3,0 - 4,0 mm         |
| Upper limit temperature  | 85 °C                |
| Lower limit temperature  | -40 °C               |

### Electrical values

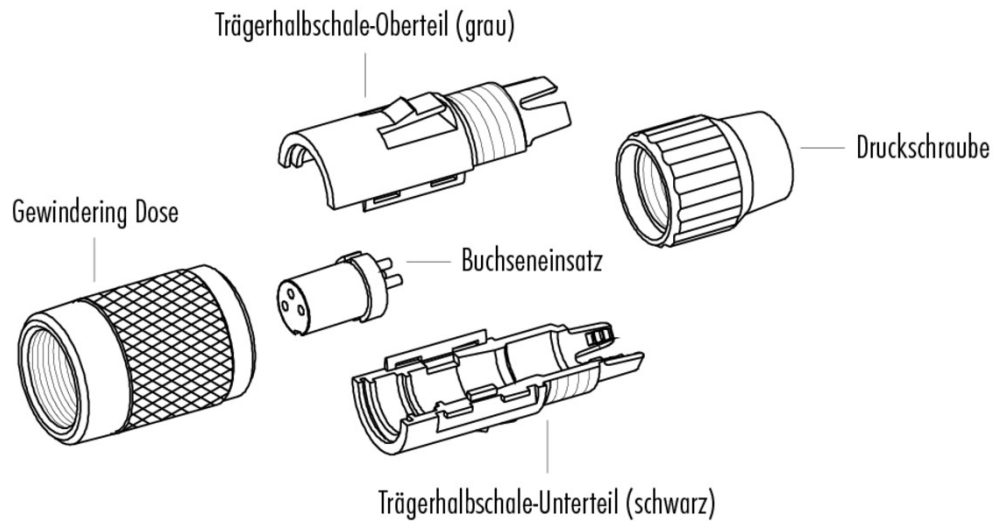
|                           |                   |
|---------------------------|-------------------|
| Rated voltage             | 125 V             |
| Rated impulse voltage     | 1500 V            |
| Pollution degree          | 1                 |
| Overvoltage category      | II                |
| Insulating material group | III               |
| Rated current (40 °C)     | 1 A               |
| Volume resistivity        | ≤ 3 mΩ            |
| EMC compliance            | nicht schirmbar   |
| Degree of protection      | IP40              |
| Mechanical operation      | > 500 Steckzyklen |

### Material

|                       |                |
|-----------------------|----------------|
| Contact material      | CuSn (bronze)  |
| Contact plating       | Au (Gold)      |
| Contact body material | PA (UL 94 V-0) |

|                     |  |
|---------------------|--|
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| Order number        | <b>99 0480 100 08</b>  |

### Component part drawing



**Achtung:** max. Drehmoment des Gewinderings im Flanschsteckverbinder: 50cNm (handfest)

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## Sicherheitshinweise

The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.

The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.

Connectors used in electrical circuits containing hazardous life parts must only be assembled and used by or under the supervision of persons with the requisite electrotechnical training, taking the applicable regulations and standards into account.

To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).