

### Basic features

|                     |                   |
|---------------------|-------------------|
| Approval/Conformity | CE<br>EAC<br>WEEE |
|---------------------|-------------------|

### Electrical connection

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                |
| Bending radius min., flexible cable | 10 x D                               |
| Cable                               | PVC gray, 3.00 m                     |
| Cable diameter D                    | 5.00 mm ±0.20 mm                     |
| Conductor cross-section             | 0.50 mm <sup>2</sup>                 |
| Connection 1                        | B, Ind.-180°-Female, angled, 3-pin   |
| Connection 2                        | M12x1-Male, straight, 3-pin, A-coded |
| Number of conductors                | 3                                    |
| System                              | Molded/Molded                        |

### Electrical data

|                                  |                  |
|----------------------------------|------------------|
| Operating voltage U <sub>b</sub> | 24 VDC / 24 VAC  |
| Rated current (40 °C)            | 4.0 A            |
| Suppressor                       | Suppressor diode |

### Environmental conditions

|                                     |                  |
|-------------------------------------|------------------|
| Cable temperature, fixed routing    | -40...105 °C     |
| Cable temperature, flexible routing | 5...105 °C       |
| Protection degree                   | IP67/IP67, IP69K |

### Material

|                          |                        |
|--------------------------|------------------------|
| Cable jacket, material   | PVC                    |
| Material contact carrier | PA 6.6/TPU             |
| Material contacts        | Brass/Bronze           |
| Material cover nut       | Brass<br>nickel plated |
| Material grip            | PUR/PUR                |
| Material locking screw   | Steel                  |

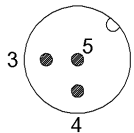
### Mechanical data

|                           |               |
|---------------------------|---------------|
| Cable jacket, color       | gray          |
| Cable length L            | 3.00 m        |
| Tightening torque pigtail | 0.5 Nm/0.6 Nm |

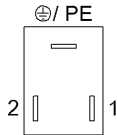
**Remarks**

Oil resistant per DIN EN 60811-404 (VDE 0473-811-404)  
 Flame resistance per IEC 60332-1-2  
 \* style B industry standard  
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

**Connector Drawings**



II  
 PIN 3: blue  
 PIN 4: brown  
 PIN 5: green/yellow



I  
 PIN 1: brown  
 PIN 2: blue  
 PIN PE: green/yellow

**Wiring Diagrams**

