



### Basic features

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

### Electrical connection

|                                     |  |
|-------------------------------------|--|
| Bending radius min., fixed cable    | 5 x D                                    |
| Bending radius min., flexible cable | 10 x D                                   |
| Cable                               | PUR Yellow, 0.3 m, drag chain compatible |
| Cable diameter D                    | 4.30 mm ±0.20 mm                         |
| Cable, bending cycles min.          | 5 mil.                                   |
| Conductor cross-section             | 22 AWG                                   |
| Connection 1                        | M8x1-Female, straight, 3-pin, A-coded    |
| Connection 2                        | M8x1-Male, straight, 3-pin, A-coded      |
| Number of conductors                | 3  |
| System                              | Molded/Molded                            |

### Electrical data

|                             |                 |
|-----------------------------|-----------------|
| Cable rated voltage AC max. | 300 V           |
| Cable rated voltage DC max. | 300 V           |
| Operating voltage Ub        | 60 VDC / 60 VAC |
| Rated current (40 °C)       | 4.0 A           |

### Environmental conditions

|   |                         |
|---|-------------------------|
| Cable temperature UL max., fixed routing    | 80 °C                   |
| Cable temperature UL max., flexible routing | 80 °C                   |
| Cable temperature, fixed routing            | -50...90 °C             |
| Cable temperature, flexible routing         | -25...90 °C             |
| IP rating                                   | IP67, IP69K/IP67, IP69K |

### Material

|                          |   |
|--------------------------|---|
| Cable jacket, material   | PUR   |
| Material contact carrier | PUR/PUR   |
| Material contacts        | Bronze/Brass  |
| Material cover nut       | Die-cast zinc or nickel plated brass/Die-cast zinc or nickel plated brass |
| Material grip            | PUR/PUR   |

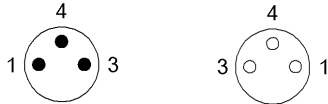
### Mechanical data

|   |                       |
|---|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | Yellow                |
| Cable length L                          | 0.30 m                |
| Cable properties                        | drag chain compatible |
| Horizontal travel permitted, drag chain | 5 m                   |
| Tightening torque pigtail               | 0.4 Nm/0.4 Nm         |
| Traverse speed max., drag chain         | 200 m/min             |
| Vertical travel permitted, drag chain   | 2 m                   |

## Remarks

Bulk cable approval per UL+CSA, UL-AWM Style 21198 or 20549  
Halogen-free per DIN VDE 0472 Part 815  
Flame resistance acc. to FT1  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

## Connector Drawings



|              |              |
|--------------|--------------|
| II           | I            |
| PIN 1: brown | PIN 1: brown |
| PIN 3: blue  | PIN 3: blue  |
| PIN 4: black | PIN 4: black |

## Wiring Diagrams

