



### 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                               | PVC Yellow, 5 m, drag chain compatible |
| Cable diameter D                    | 5.00 mm ±0.15 mm                       |
| Cable, bending cycles min.          | 2 mil.                                 |
| Conductor cross-section             | 22 AWG                                 |
| Connection                          | M8x1-Female, straight, 4-pin, A-coded  |
| Connector configuration             | Straight                               |
| Number of conductors                | 4                                      |
| Number of pins                      | 4                                      |
| System                              | Molded                                 |

### Electrical data

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

### Environmental conditions

|                                     |              |
|-------------------------------------|--------------|
| Cable temperature, drag chain       | -5...60 °C   |
| Cable temperature, fixed routing    | -40...105 °C |
| Cable temperature, flexible routing | -5...105 °C  |
| IP rating                           | IP67, IP69K  |

### Interface

|                  |               |
|------------------|---------------|
| Switching output | Complementary |
|------------------|---------------|

### Material

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

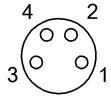
### Mechanical data

|   |                       |
|---|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | Yellow                |
| Cable length L                          | 5.00 m                |
| Cable properties                        | drag chain compatible |
| Horizontal travel permitted, drag chain | 5 m                   |
| Tightening torque pigtail               | 0.4 Nm                |
| Traverse speed max., drag chain         | 200 m/min             |
| Vertical travel permitted, drag chain   | 2 m                   |

## Remarks

Bulk cable approval per UL-AWM Style 2661 & CSA AWM I/II A/B  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

## Connector Drawings



PIN 1: brown  
PIN 2: white  
PIN 3: blue  
PIN 4: black

## Wiring Diagrams

