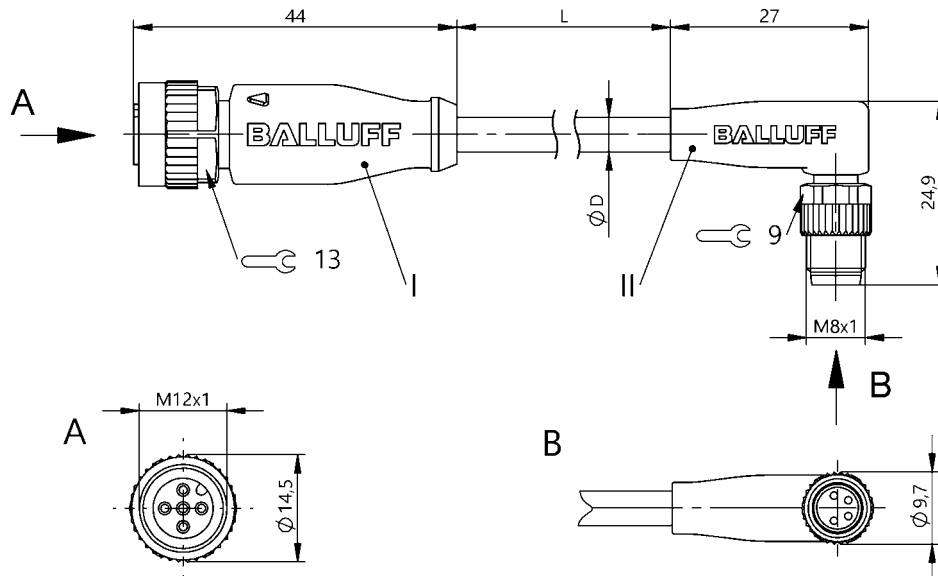




### Basic features

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

### Display/Operation

|                            |              |
|----------------------------|--------------|
| Function indicator (Pin 4) | LED yellow   |
| Power indicator            | LED green/no |

### Electrical connection

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                  |
| Bending radius min., flexible cable | 10 x D                                 |
| Cable                               | TPE Yellow, 1 m, drag chain compatible |
| Cable diameter D                    | 5.30 mm ±0.13 mm                       |
| Cable, bending cycles min.          | 10 mil.                                |
| Conductor cross-section             | 22 AWG                                 |
| Connection 1                        | M12x1-Female, straight, 5-pin, A-coded |
| Connection 2                        | M8x1-Male, angled, 4-pin, A-coded      |
| Number of conductors                | 4                                      |
| System                              | Molded/Molded                          |

### Electrical data

|                             |        |
|-----------------------------|--------|
| Cable rated voltage AC max. | 300 V  |
| Cable rated voltage DC max. | 300 V  |
| Operating voltage $U_b$     | 30 VDC |
| Rated current (40 °C)       | 4.0 A  |

### Environmental conditions

|                                     |                               |
|-------------------------------------|-------------------------------|
| Cable temperature, fixed routing    | -50...105 °C                  |
| Cable temperature, flexible routing | -25...105 °C                  |
| IP rating                           | IP67, IP68, IP69K/IP67, IP69K |

### Interface

|                  |                      |
|------------------|----------------------|
| Switching output | PNP NO/NC antivalent |
|------------------|----------------------|

### Material

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

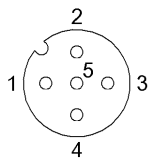
### Mechanical data

|                           |                       |
|---------------------------|-----------------------|
| Cable jacket, color       | Yellow                |
| Cable length L            | 1.00 m                |
| Cable properties          | drag chain compatible |
| Tightening torque pigtail | 0.6 Nm/0.4 Nm         |

Remarks

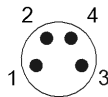
Cable construction acc. to UL-AWM Style 20327  
Flame resistance acc. to IEC 332-2  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



I

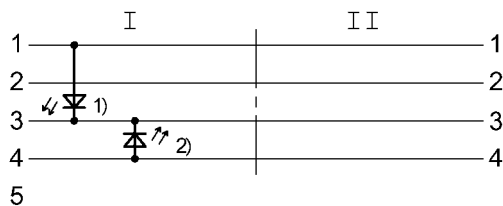
PIN 1: brown  
PIN 2: white  
PIN 3: blue  
PIN 4: black  
PIN 5: not used



II

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

Wiring Diagrams



1) Green LED = Power  
2) Yellow LED = Function