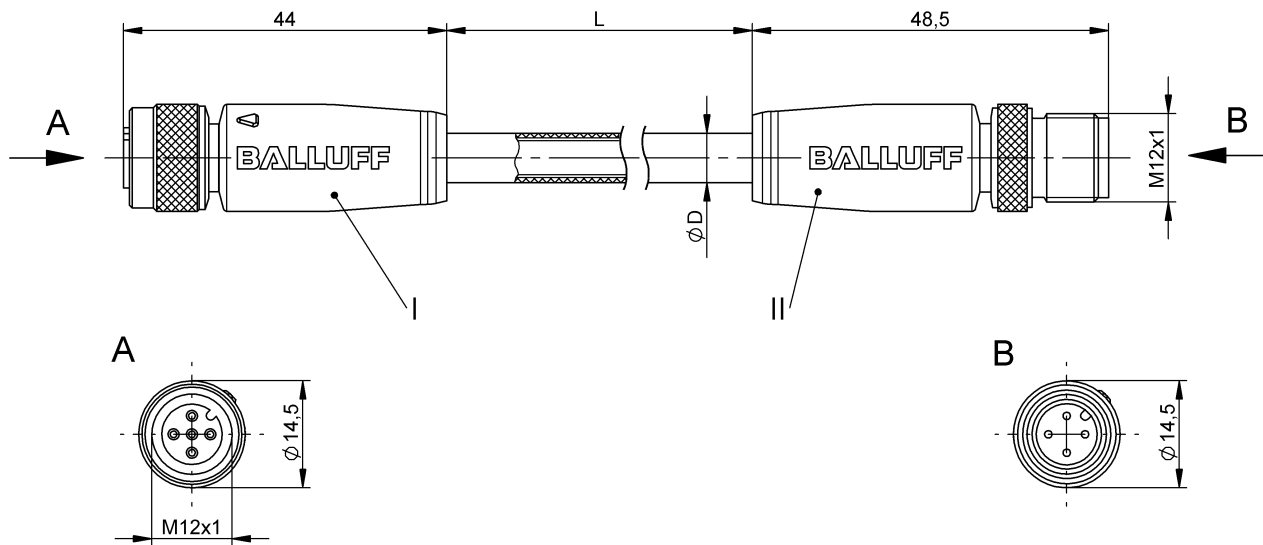




**Basic features**

|                     |              |
|---------------------|--------------|
| Application         | Welding area |
| Approval/Conformity | CE<br>WEEE   |

**Display/Operation**

|                            |              |
|----------------------------|--------------|
| Function indicator (Pin 2) | LED white    |
| 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 welding spark resistant<br>Yellow, 0.6 m, drag chain compatible |
| Cable diameter D                    | 8.00 mm ±0.20 mm                                                    |
| Cable, bending cycles min.          | 10 mil.                                                             |
| Conductor cross-section             | 22 AWG                                                              |
| Connection 1                        | M12x1-Female, straight, 5-pin, A-coded                              |
| Connection 2                        | M12x1-Male, straight, 4-pin, A-coded                                |
| Number of conductors                | 4                                                                   |
| Protection jacket color             | Transparent                                                         |
| 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                           | IP65/IP65    |

**Interface**

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

**Material**

|                             |                                           |
|-----------------------------|-------------------------------------------|
| Cable jacket material, note | welding spark resistant                   |
| Cable jacket, material      | TPE                                       |
| Jacket material             | Silicone                                  |
| Material contact carrier    | PUR, special/PUR, special                 |
| Material contacts           | Bronze/Brass                              |
| Material cover nut          | Brass<br>PTFE coated/Brass<br>PTFE coated |
| Material grip               | PUR, special/PUR, special                 |

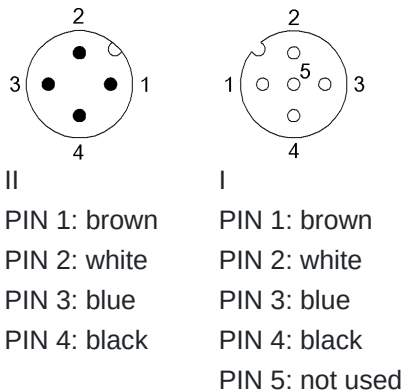
**Mechanical data**

|                           |                       |
|---------------------------|-----------------------|
| Cable jacket, color       | Yellow                |
| Cable length L            | 0.60 m                |
| Cable properties          | drag chain compatible |
| Tightening torque pigtail | 0.6 Nm/0.6 Nm         |

Remarks

Cable construction acc. to UL-AWM Style 20327  
Flame resistance acc. to IEC 332-2  
Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



Wiring Diagrams

