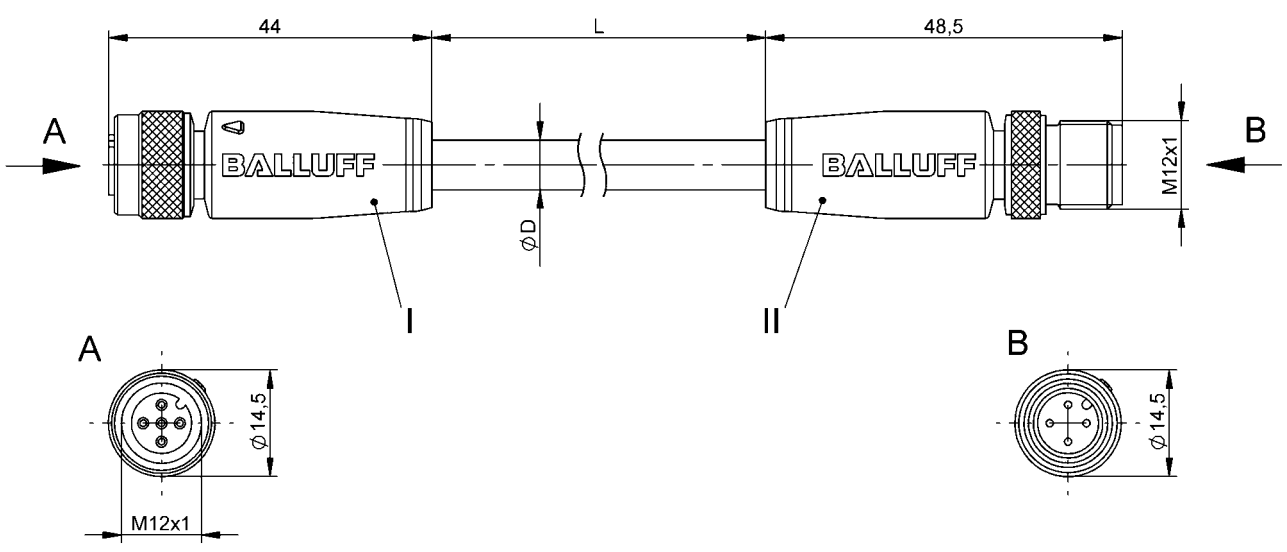


Double-Ended Cordsets  
BCC W415-W414-3A-304-BW8434-015  
Order Code: BCC0EJF



Basic features

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

Electrical connection

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Bending radius min., fixed cable    | 8 x D                                      |
| Bending radius min., flexible cable | 15 x D                                     |
| Cable                               | TPE welding spark resistant gray,<br>1.5 m |
| Cable diameter D                    | 4.80 mm ±0.20 mm                           |
| Conductor cross-section             | 0.34 mm²                                   |
| Connection 1                        | M12x1-Female, straight, 5-pin, A-<br>coded |
| Connection 2                        | M12x1-Male, straight, 4-pin, A-<br>coded   |
| Number of conductors                | 4                                          |
| System                              | Molded/Molded                              |

Electrical data

|                         |                   |
|-------------------------|-------------------|
| Operating voltage $U_b$ | 250 VDC / 250 VAC |
| Rated current (40 °C)   | 4.0 A             |

Remarks

Flame-retarding  
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.

Environmental conditions

|                                     |              |
|-------------------------------------|--------------|
| Cable temperature, fixed routing    | -50...130 °C |
| Cable temperature, flexible routing | -40...125 °C |
| IP rating                           | IP65/IP65    |

Interface

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

Material

|                             |                                           |
|-----------------------------|-------------------------------------------|
| Cable jacket material, note | welding spark resistant                   |
| Cable jacket, material      | TPE                                       |
| 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       | gray          |
| Cable length L            | 1.50 m        |
| Tightening torque pigtail | 0.6 Nm/0.6 Nm |

Connector Drawings



Wiring Diagrams

