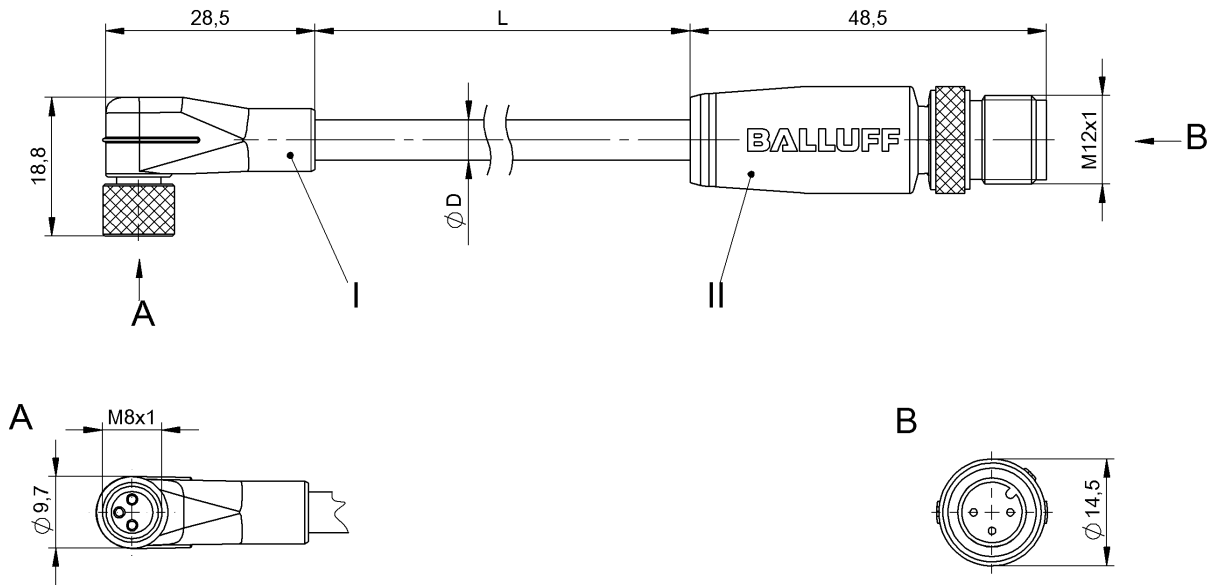


Double-Ended Cordsets  
BCC W323-W413-3E-602-BW8334-050  
Order Code: BCC0KC0

**BALLUFF**



Basic features

|             |              |
|-------------|--------------|
| Application | Welding area |
|-------------|--------------|

Display/Operation

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

Electrical connection

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Bending radius min., fixed cable    | 8 x D                                 |
| Bending radius min., flexible cable | 15 x D                                |
| Cable                               | TPE welding spark resistant gray, 5 m |
| Cable diameter D                    | 4.40 mm ±0.20 mm                      |
| Conductor cross-section             | 0.34 mm²                              |
| Connection 1                        | M8x1-Female, angled, 3-pin, A-coded   |
| Connection 2                        | M12x1-Male, straight, 3-pin, A-coded  |
| Number of conductors                | 3                                     |
| System                              | Molded/Molded                         |

Electrical data

|                       |        |
|-----------------------|--------|
| Operating voltage Ub  | 30 VDC |
| Rated current (40 °C) | 4.0 A  |

Environmental conditions

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

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                     |
|                             | PTFE coated/Brass         |
|                             | PTFE coated               |
| Material grip               | PUR, special/PUR, special |

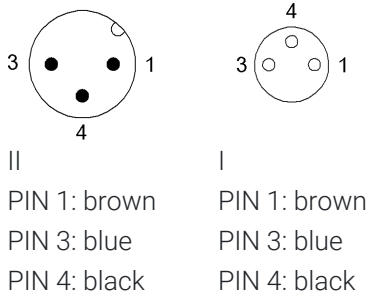
Mechanical data

|                           |               |
|---------------------------|---------------|
| Cable jacket, color       | gray          |
| Cable length L            | 5.00 m        |
| Tightening torque pigtail | 0.4 Nm/0.6 Nm |

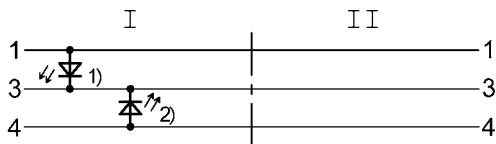
Remarks

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.

Connector Drawings



Wiring Diagrams



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