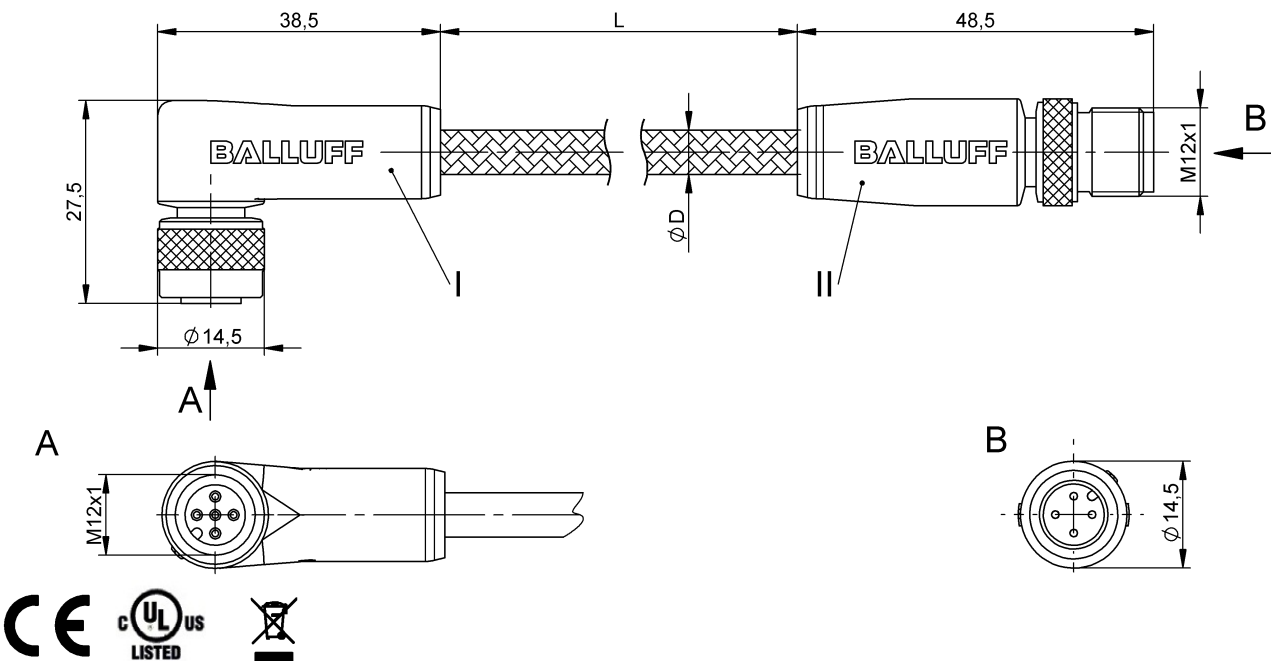


Double-Ended Cordsets  
**BCC W425-W414-3A-304-MW8434-020**  
Order Code: BCC0EL2

**BALLUFF**



**Basic features**

|                     |                               |
|---------------------|-------------------------------|
| Application         | very good mechanical strength |
| 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                               | PUR black, 2 m                       |
| Cable diameter D                    | 5.10 mm $\pm$ 0.20 mm                |
| Conductor cross-section             | 0.34 mm <sup>2</sup>                 |
| Connection 1                        | M12x1-Female, angled, 5-pin, A-coded |
| Connection 2                        | M12x1-Male, straight, 4-pin, A-coded |
| Number of conductors                | 4                                    |
| Protection jacket color             | silver                               |
| System                              | Molded/Molded                        |

**Electrical data**

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

**Environmental conditions**

|                                             |             |
|---------------------------------------------|-------------|
| Cable temperature UL max., fixed routing    | 80 °C       |
| Cable temperature UL max., flexible routing | 80 °C       |
| Cable temperature, fixed routing            | -50...90 °C |
| Cable temperature, flexible routing         | -25...90 °C |
| IP rating                                   | IP65/IP65   |

**Interface**

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

**Material**

|                          |                                           |
|--------------------------|-------------------------------------------|
| Cable jacket, material   | PUR                                       |
| Jacket material          | V2A                                       |
| 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                 |

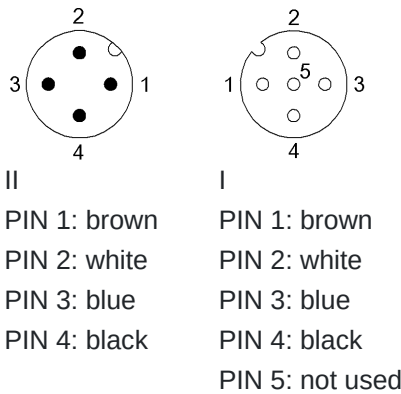
**Mechanical data**

|                           |               |
|---------------------------|---------------|
| Cable jacket, color       | black         |
| Cable length L            | 2.00 m        |
| Tightening torque pigtail | 0.6 Nm/0.6 Nm |

Remarks

Cable construction acc. to UL-AWM Style 20549  
Halogen-free per DIN VDE 0472 Part 815  
Flame resistance per UL FT2  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



Wiring Diagrams

