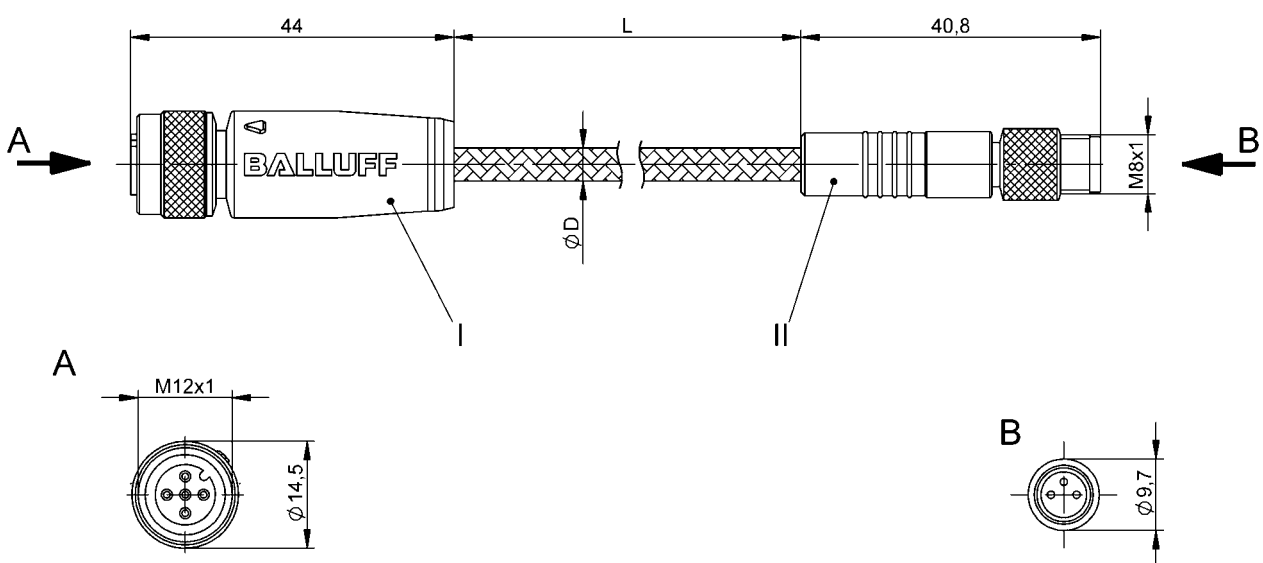


Double-Ended Cordsets

BCC W415-W313-3F-300-MW8334-006

Order Code: BCC0H84

**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, 0.6 m                       |
| Cable diameter D                    | 4.80 mm $\pm$ 0.20 mm                  |
| Conductor cross-section             | 0.34 mm <sup>2</sup>                   |
| Connection 1                        | M12x1-Female, straight, 5-pin, A-coded |
| Connection 2                        | M8x1-Male, straight, 3-pin, A-coded    |
| Number of conductors                | 3                                      |
| Protection jacket color             | silver                                 |
| System                              | Molded/Molded                          |

Electrical data

|                         |                 |
|-------------------------|-----------------|
| Operating voltage $U_b$ | 60 VDC / 60 VAC |
| Rated current (40 °C)   | 4.0 A           |

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.

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   |

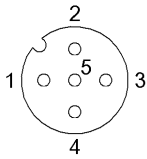
Material

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

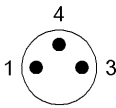
|                           |               |
|---------------------------|---------------|
| Cable jacket, color       | black         |
| Cable length L            | 0.60 m        |
| Tightening torque pigtail | 0.6 Nm/0.4 Nm |

Connector Drawings



I

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



II

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

Wiring Diagrams

