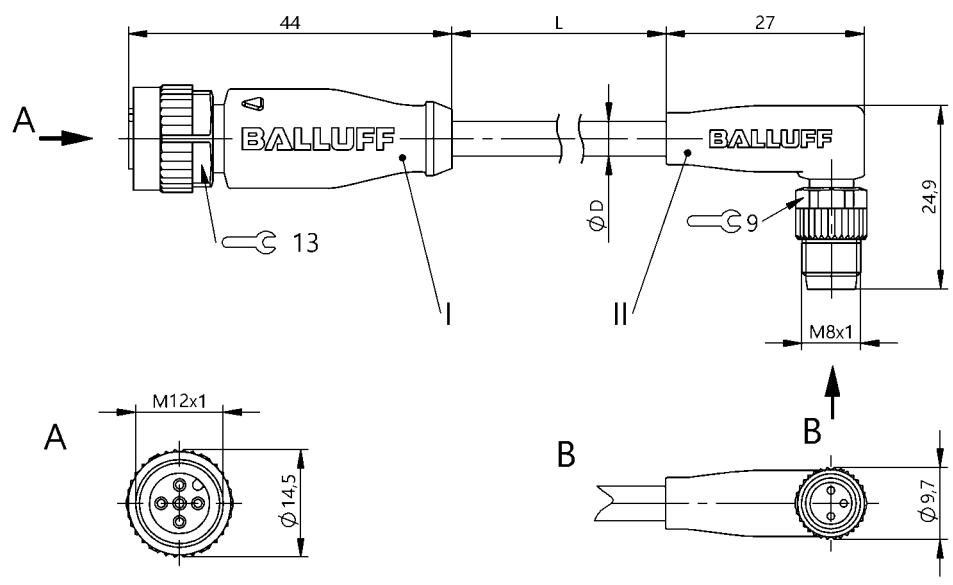


Double-Ended Cordsets  
BCC M415-M323-3F-602-VX43T2-010  
Order Code: BCC05KZ



Basic features

|                     |                     |
|---------------------|---------------------|
| Approval/Conformity | CE<br>cULus<br>WEEE |
|---------------------|---------------------|

Display/Operation

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

Electrical connection

|                         |                                        |
|-------------------------|----------------------------------------|
| Cable                   | PVC Yellow, 1 m                        |
| Cable diameter D        | 4.70 mm ±0.13 mm                       |
| Conductor cross-section | 22 AWG                                 |
| Connection 1            | M12x1-Female, straight, 5-pin, A-coded |
| Connection 2            | M8x1-Male, angled, 3-pin, A-coded      |
| Number of conductors    | 3                                      |
| System                  | Molded/Molded                          |

Electrical data

|                             |        |
|-----------------------------|--------|
| Cable rated voltage AC max. | 300 V  |
| Cable rated voltage DC max. | 300 V  |
| Operating voltage Ub        | 30 VDC |
| Rated current (40 °C)       | 4.0 A  |

Environmental conditions

|                                     |                               |
|-------------------------------------|-------------------------------|
| Cable temperature, fixed routing    | -40...105 °C                  |
| Cable temperature, flexible routing | -5...105 °C                   |
| IP rating                           | IP67, IP68, IP69K/IP67, IP69K |

Interface

|                  |                        |
|------------------|------------------------|
| Switching output | PNP normally open (NO) |
|------------------|------------------------|

Material

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| Cable jacket, material   | PVC                                                |
| Material contact carrier | PUR/PUR                                            |
| Material contacts        | Bronze/Brass                                       |
| Material cover nut       | Die-cast zinc/Die-cast zinc or nickel plated brass |
| Material grip            | PUR/PUR                                            |

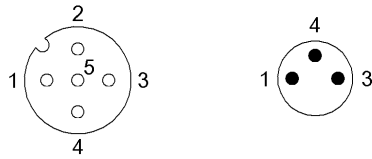
Mechanical data

|                                         |                           |
|-----------------------------------------|---------------------------|
| Cable jacket, color                     | Yellow                    |
| Cable length L                          | 1.00 m                    |
| Horizontal travel permitted, drag chain | 5 m                       |
| Tightening torque pigtail               | 0.6 Nm/0.4 Nm             |
| Traverse speed max., drag chain         | 200 m/min                 |
| Vertical travel permitted, drag chain   | 2 m at 5 m/s <sup>2</sup> |

Remarks

Bulk cable approval per UL-AWM Style 2661 & CSA AWM I/II A/B  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

## Connector Drawings



I

PIN 1: brown

PIN 2: not used

PIN 3: blue

PIN 4: black

PIN 5: not used

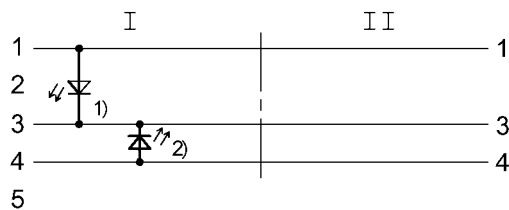
II

PIN 1: brown

PIN 3: blue

PIN 4: black

## Wiring Diagrams



1) Green LED = Power

2) Yellow LED = Function