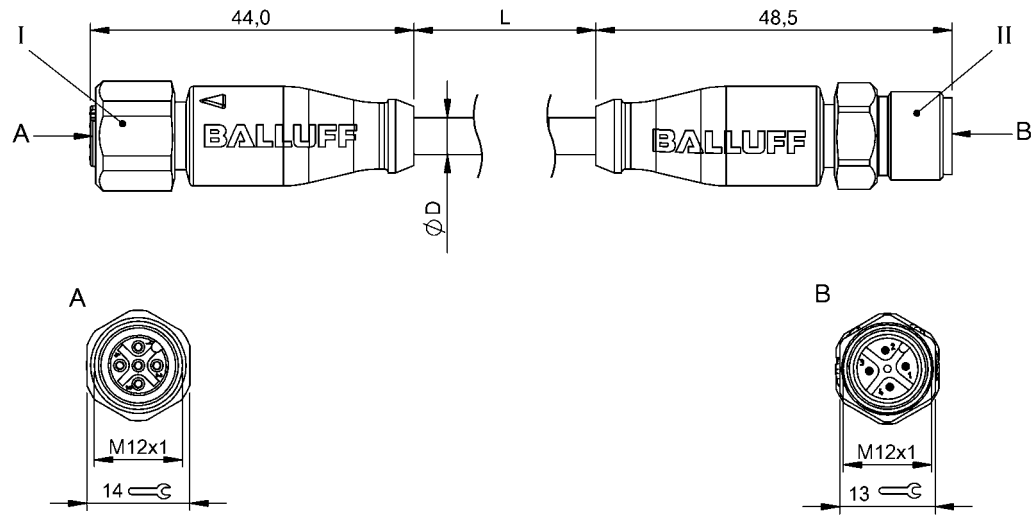


Double-Ended Cordsets  
BCC S415-S414-3A-606-VX44T2-020  
Order Code: BCC0CHK



Basic features

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

Display/Operation

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

Electrical connection

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                  |
| Bending radius min., flexible cable | 10 x D                                 |
| Cable                               | PVC Yellow, 2 m                        |
| Cable diameter D                    | 5.00 mm ±0.15 mm                       |
| Cable, bending cycles min.          | 2 mil.                                 |
| Conductor cross-section             | 22 AWG                                 |
| Connection 1                        | M12x1-Female, straight, 5-pin, A-coded |
| Connection 2                        | M12x1-Male, straight, 4-pin, A-coded   |
| Number of conductors                | 4                                      |
| 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, drag chain       | -5...60 °C                          |
| Cable temperature, fixed routing    | -40...105 °C                        |
| Cable temperature, flexible routing | -5...105 °C                         |
| IP rating                           | IP67, IP68, IP69K/IP67, IP68, 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       | 1.4404 stainless steel/1.4404 stainless steel |
| Material grip            | PUR/PUR                                       |

Mechanical data

|                                         |                           |
|-----------------------------------------|---------------------------|
| Cable jacket, color                     | Yellow                    |
| Cable length L                          | 2.00 m                    |
| Horizontal travel permitted, drag chain | 5 m                       |
| Tightening torque pigtail               | 0.6 Nm/0.6 Nm             |
| Traverse speed max., drag chain         | 200 m/min                 |
| Vertical travel permitted, drag chain   | 2 m at 5 m/s <sup>2</sup> |

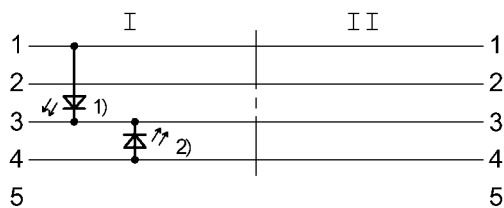
Remarks

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



Wiring Diagrams



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