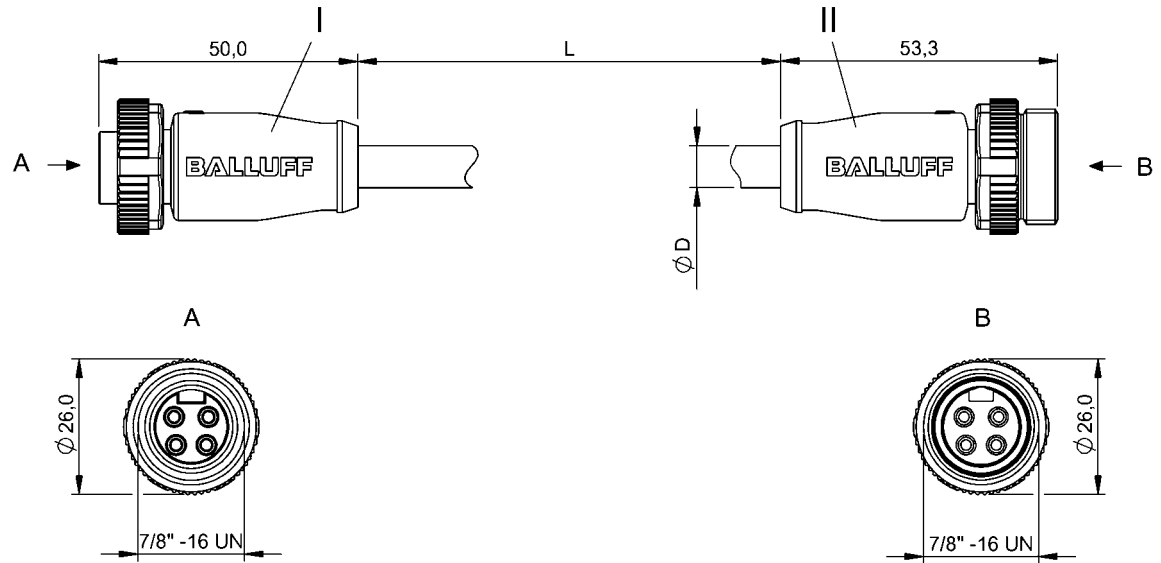


Double-Ended Cordsets  
BCC A314-A314-30-304-PX04A5-020  
Order Code: BCC06J3



Basic features

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

Electrical connection

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Bending radius min., fixed cable    | 7.5 x D                               |
| Bending radius min., flexible cable | 10 x D                                |
| Cable                               | PUR black, 2 m, drag chain compatible |
| Cable diameter D                    | 8.00 mm ±0.20 mm                      |
| Cable, bending cycles min.          | 5 mil.                                |
| Conductor cross-section             | 1.5 mm²                               |
| Connection 1                        | 7/8"-Female, straight, 4-pin          |
| Connection 2                        | 7/8"-Male, straight, 4-pin            |
| Number of conductors                | 4                                     |
| System                              | Molded/Molded                         |

Electrical data

|                                      |                     |
|--------------------------------------|---------------------|
| Operating voltage Ub                 | 300 VDC / 300 VAC   |
| Operating voltage Ub 3-phase network | 277/480V AC +/- 15% |
| Rated current (40 °C)                | 10.0 A              |

Remarks

Cable construction acc. to UL-AWM Style 20234  
Halogen-free  
Silicone-free  
Flame-retarding  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Environmental conditions

|                                     |                       |
|-------------------------------------|-----------------------|
| Cable temperature, fixed routing    | -50...80 °C           |
| Cable temperature, flexible routing | -20...80 °C           |
| IP rating                           | IP67, IP68/IP67, IP68 |

Interface

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

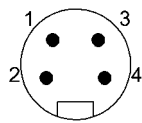
Material

|                          |                             |
|--------------------------|-----------------------------|
| Cable jacket, material   | PUR                         |
| Material contact carrier | PUR/PUR                     |
| Material contacts        | Brass/Brass                 |
| Material cover nut       | Die-cast zinc/Die-cast zinc |
| Material grip            | PUR/PUR                     |

Mechanical data

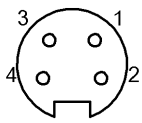
|                                         |                       |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain           | 5 m/s²                |
| Cable jacket, color                     | black                 |
| Cable length L                          | 2.00 m                |
| Cable properties                        | drag chain compatible |
| Horizontal travel permitted, drag chain | 20 m                  |
| Tightening torque pigtail               | 1.5 Nm/1.5 Nm         |
| Traverse speed max., drag chain         | 300 m/min             |

Connector Drawings



II

- PIN 1: brown
- PIN 2: white
- PIN 3: blue
- PIN 4: black



I

- PIN 1: brown
- PIN 2: white
- PIN 3: blue
- PIN 4: black

Wiring Diagrams

