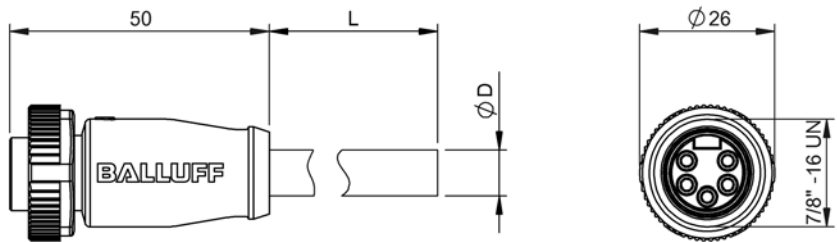


Single-Ended Cordsets  
BCC A315-0000-10-063-PX05A5-080  
Order Code: BCC0E61

**BALLUFF**



#### 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, 8 m, drag chain compatible |
| Cable diameter D                    | 8.70 mm ±0.20 mm                      |
| Cable, bending cycles min.          | 5 mil.                                |
| Conductor cross-section             | 1.5 mm <sup>2</sup>                   |
| Connection                          | 7/8"-Female, straight, 5-pin          |
| Connector configuration             | Straight                              |
| Number of conductors                | 5                                     |
| Number of pins                      | 5                                     |
| System                              | 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  |

#### Interface

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

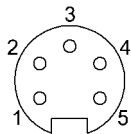
#### Material

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

#### Mechanical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | black                 |
| Cable length L                          | 8.00 m                |
| Cable properties                        | drag chain compatible |
| Horizontal travel permitted, drag chain | 20 m                  |
| Tightening torque pigtail               | 1.5 Nm                |
| Traverse speed max., drag chain         | 300 m/min             |

Connector Drawings



- PIN 1: black
- PIN 2: blue
- PIN 3: green/yellow
- PIN 4: brown
- PIN 5: white

Wiring Diagrams

