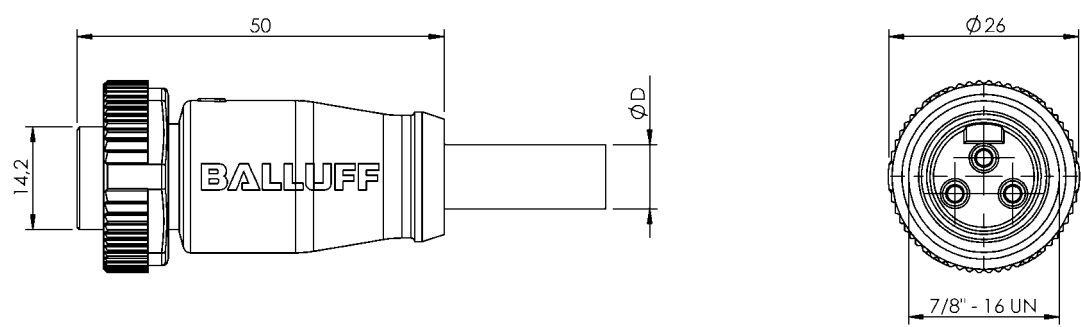


Single-Ended Cordsets  
BCC A313-0000-10-097-PX03A5-020  
Order Code: BCC0AHZ



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                    | 7.40 mm ±0.20 mm                      |
| Cable, bending cycles min.          | 5 mil.                                |
| Conductor cross-section             | 1.5 mm <sup>2</sup>                   |
| Connection                          | 7/8"-Female, straight, 3-pin          |
| Connector configuration             | Straight                              |
| Number of conductors                | 3                                     |
| Number of pins                      | 3                                     |
| System                              | Molded                                |

Electrical data

|                       |                   |
|-----------------------|-------------------|
| Operating voltage Ub  | 300 VDC / 300 VAC |
| Rated current (40 °C) | 13.0 A            |

Environmental conditions

|                                     |             |
|-------------------------------------|-------------|
| Cable temperature, fixed routing    | -40...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           |

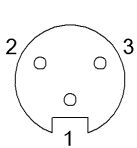
Mechanical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | black                 |
| Cable length L                          | 2.00 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             |

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.

Connector Drawings



PIN 1: green/yellow  
PIN 2: brown  
PIN 3: blue

Wiring Diagrams

