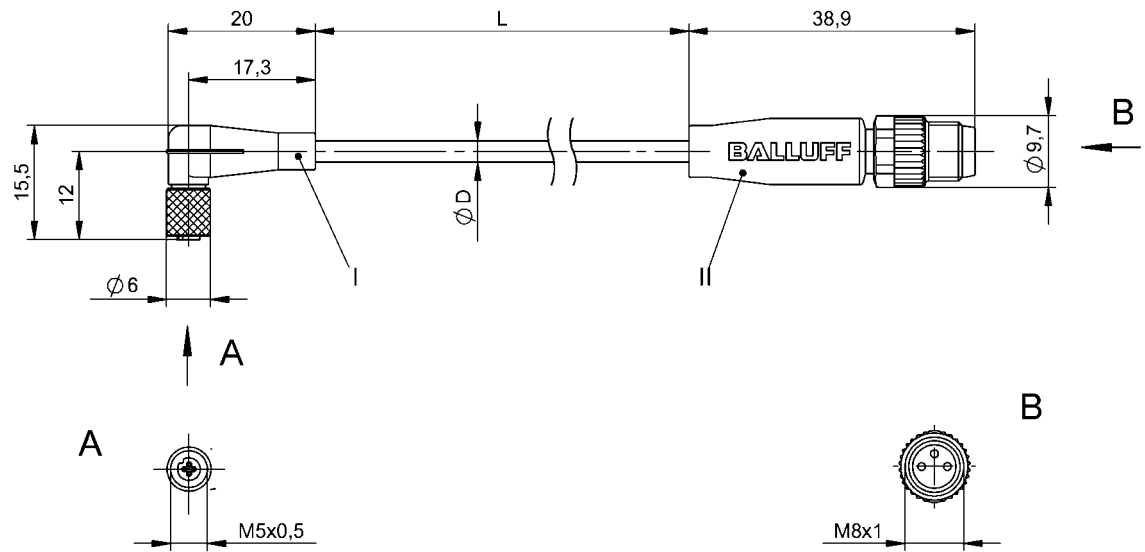


Double-Ended Cordsets  
BCC M224-M313-30-300-PX0314-010  
Order Code: BCC0HEW



Basic features

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

Electrical connection

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                 |
| Bending radius min., flexible cable | 12 x D                                |
| Cable                               | PUR black, 1 m, drag chain compatible |
| Cable diameter D                    | 3.10 mm ± 0.10 mm                     |
| Cable, bending cycles min.          | 1 mil.                                |
| Conductor cross-section             | 0.14 mm <sup>2</sup>                  |
| Connection 1                        | M5x0.5-Female, angled, 4-pin          |
| Connection 2                        | M8x1-Male, straight, 3-pin, A-coded   |
| Number of conductors                | 3                                     |
| System                              | Molded/Molded                         |

Electrical data

|                                  |                 |
|----------------------------------|-----------------|
| Operating voltage U <sub>b</sub> | 60 VDC / 60 VAC |
| Rated current (40 °C)            | 1.0 A           |

Environmental conditions

|                                     |                  |
|-------------------------------------|------------------|
| Cable temperature, fixed routing    | -25...80 °C      |
| Cable temperature, flexible routing | -5...80 °C       |
| IP rating                           | IP67/IP67, IP69K |

Material

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

Mechanical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain           | 2 m/s <sup>2</sup>    |
| Cable jacket, color                     | black                 |
| Cable length L                          | 1.00 m                |
| Cable properties                        | drag chain compatible |
| Horizontal travel permitted, drag chain | 3 m                   |
| Tightening torque pigtail               | -/0.4 Nm              |
| Traverse speed max., drag chain         | 50 m/min              |

Remarks

Halogen-free  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



|              |              |
|--------------|--------------|
| II           | I            |
| PIN 1: brown | PIN 1: brown |
| PIN 3: blue  | PIN 3: blue  |
| PIN 4: black | PIN 4: black |

Wiring Diagrams

