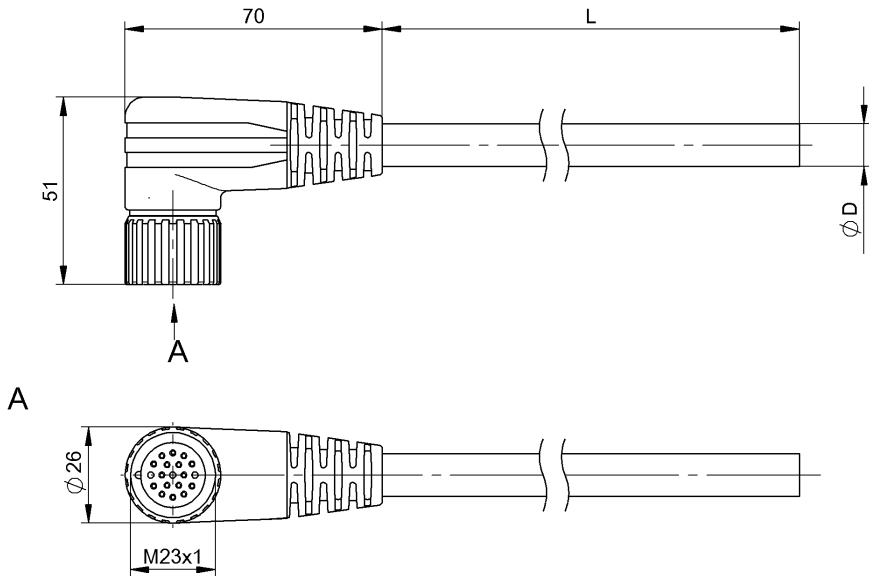


Single-Ended Cordsets  
BCC M62L-0000-10-022-PX0LP4-200  
Order Code: BCC0J23

**BALLUFF**



#### Basic features

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

#### Electrical connection

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                      |
| Bending radius min., flexible cable | 10 x D                                     |
| Cable                               | PUR black, 20 m, drag chain compatible     |
| Cable diameter D                    | 11.60 mm -0.30 mm                          |
| Cable, bending cycles min.          | 2 mil.                                     |
| Conductor cross-section             | 0.50 mm <sup>2</sup> + 1.0 mm <sup>2</sup> |
| Connection                          | M23x1-Female, angled, 19-pin               |
| Connector configuration             | right-angle                                |
| Number of conductors                | 19                                         |
| Number of pins                      | 19                                         |
| System                              | Molded                                     |

#### Electrical data

|                                           |                   |
|-------------------------------------------|-------------------|
| Operating voltage U <sub>b</sub>          | 125 VDC / 125 VAC |
| Rated current 0.5 mm <sup>2</sup> (40 °C) | 4.0 A             |
| Rated current 1.0 mm <sup>2</sup> (40 °C) | 8.0 A             |

#### Remarks

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 | -25...80 °C |
| IP rating                           | IP67        |

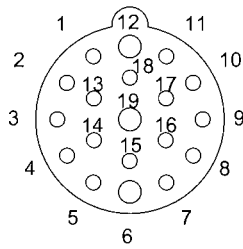
#### Material

|                          |               |
|--------------------------|---------------|
| Cable jacket, material   | PUR           |
| Material contact carrier | PBT           |
| Material contacts        | Bronze        |
| Material cover nut       | Brass         |
|                          | nickel-plated |
| Material grip            | PUR           |

#### Mechanical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | black                 |
| Cable length L                          | 20.00 m               |
| Cable properties                        | drag chain compatible |
| Horizontal travel permitted, drag chain | 5 m                   |
| Traverse speed max., drag chain         | 200 m/min             |
| Vertical travel permitted, drag chain   | 2 m                   |

## Connector Drawings



- PIN 1: violet
- PIN 2: red
- PIN 3: gray
- PIN 4: red/blue
- PIN 5: green
- PIN 6: blue (1.0mm<sup>2</sup>)
- PIN 7: gray/pink
- PIN 8: white/green
- PIN 9: white/yellow
- PIN10: white/gray
- PIN 11: black
- PIN12: green/yellow (1.0mm<sup>2</sup>)
- PIN13: yellow/brown
- PIN 14: brown/green
- PIN 15: white
- PIN 16: yellow
- PIN 17: pink
- PIN 18: gray/brown
- PIN 19: brown (1.0mm<sup>2</sup>)

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Wiring Diagrams

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_
- 5 \_\_\_\_\_
- 6 \_\_\_\_\_
- 7 \_\_\_\_\_
- 8 \_\_\_\_\_
- 9 \_\_\_\_\_
- 10 \_\_\_\_\_
- 11 \_\_\_\_\_
- 12 \_\_\_\_\_
- 13 \_\_\_\_\_
- 14 \_\_\_\_\_
- 15 \_\_\_\_\_
- 16 \_\_\_\_\_
- 17 \_\_\_\_\_
- 18 \_\_\_\_\_
- 19 \_\_\_\_\_