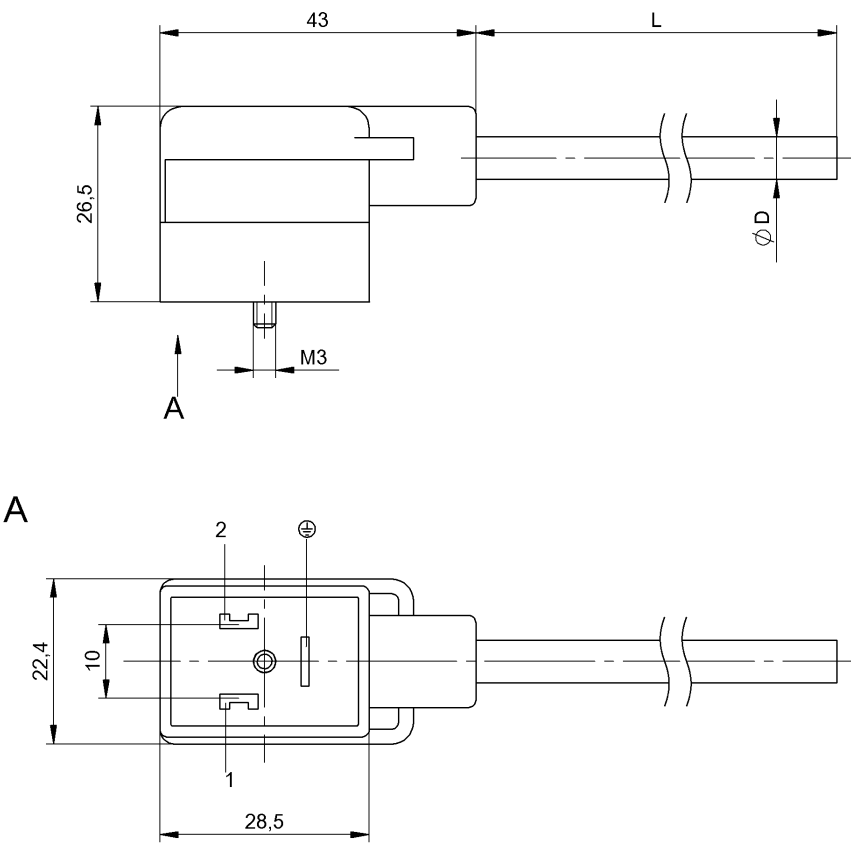


Single-Ended Cordsets

BCC VB03-0000-10-055-VX8350-020

Order Code: BCC03ZZ

**BALLUFF**



Basic features

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

Display/Operation

|                    |            |
|--------------------|------------|
| Function indicator | LED yellow |
|--------------------|------------|

Electrical connection

|                                     |                                             |
|-------------------------------------|---------------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                       |
| Bending radius min., flexible cable | 10 x D                                      |
| Cable                               | PVC gray, 2 m                               |
| Cable diameter D                    | 5.00 mm ±0.20 mm                            |
| Conductor cross-section             | 0.50 mm <sup>2</sup>                        |
| Connection                          | B, DIN-0°-Valve connector, angled,<br>3-pin |
| Connector configuration             | right-angle                                 |
| Number of conductors                | 3                                           |
| Number of pins                      | 3                                           |
| System                              | Molded                                      |

Electrical data

|                                  |                  |
|----------------------------------|------------------|
| Operating voltage U <sub>b</sub> | 24 VDC / 24 VAC  |
| Rated current (40 °C)            | 4.0 A            |
| Suppressor                       | Suppressor diode |

Environmental conditions

|                                     |              |
|-------------------------------------|--------------|
| Cable temperature, fixed routing    | -40...105 °C |
| Cable temperature, flexible routing | -5...105 °C  |
| IP rating                           | IP67         |

Material

|                          |       |
|--------------------------|-------|
| Cable jacket, material   | PVC   |
| Material contact carrier | PBT   |
| Material contacts        | Brass |
| Material grip            | PUR   |
| Material locking screw   | Steel |

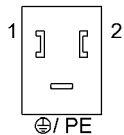
Mechanical data

|                           |        |
|---------------------------|--------|
| Cable jacket, color       | gray   |
| Cable length L            | 2.00 m |
| Tightening torque pigtail | 0.5 Nm |

Remarks

Flame resistance per IEC 60332-1-2  
\* style B industry standard  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



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

Wiring Diagrams

