

Basic features

| | |
|---------------------|------------|
| Approval/Conformity | CE 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 | PUR black, 2 m, drag chain compatible |
| Cable diameter D | 4.60 mm ±0.20 mm |
| Cable, bending cycles min. | 2 mil. |
| Conductor cross-section | 0.50 mm ² |
| Connection | A, DIN-0°/180°-Valve connector, angled, 4-pin |
| Connector configuration | right-angle |
| Number of conductors | 3 |
| Number of pins | 4 |
| System | Molded |

Electrical data

| | |
|----------------------------------|------------------|
| Operating voltage U _b | 24 VDC / 24 VAC |
| Rated current (40 °C) | 6.0 A |
| Suppressor | Suppressor diode |

Environmental conditions

| | |
|-------------------------------------|-------------|
| Cable temperature, drag chain | -25...60 °C |
| 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 | PA 6.6 |
| Material contacts | Brass |
| Material grip | TPU |
| Material locking screw | Steel |

Single-Ended Cordsets
BCC VA04-0000-10-053-PX0350-020
Order Code: **BCC04W0**

BALLUFF

Mechanical data

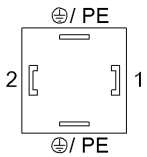
| | |
|-------------------------------|-----------------------|
| Acceleration max., drag chain | 5 m/s ² |
| Cable jacket, color | black |
| Cable length L | 2.00 m |
| Cable properties | drag chain compatible |

| | |
|---|-----------|
| Horizontal travel permitted, drag chain | 5 m |
| Tightening torque pigtail | 0.5 Nm |
| Traverse speed max., drag chain | 200 m/min |
| Vertical travel permitted, drag chain | 2 m |

Remarks

Cable construction acc. to UL-AWM Style 20549
Halogen-free acc. to EN 50267-2-1
Silicone-free
Flame resistance per IEC 60332-2-2
* style A per EN 175301-803
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

