

### Basic features

|                     |      |
|---------------------|------|
| Approval/Conformity | CE   |
|                     | EAC  |
|                     | WEEE |

### Display/Operation

|                            |            |
|----------------------------|------------|
| Function indicator (Pin 2) | LED yellow |
| Function indicator (Pin 3) | Green LED  |

### Electrical connection

|                                     |   |
|-------------------------------------|---|
| Bending radius min., fixed cable    | 5 x D   |
| Bending radius min., flexible cable | 10 x D  |
| Cable                               | PUR black, 5.00 m, Drag chain compatible      |
| Cable diameter D                    | 5.40 mm ±0.20 mm                              |
| Cable, bending cycles min.          | 2 million                                     |
| Conductor cross-section             | 0.50 mm <sup>2</sup>                          |
| Connection                          | A, DIN-0°-Valve connector, right-angle, 4-pin |
| Connector configuration             | right-angle                                   |
| Number of conductors                | 5   |
| Number of pins                      | 4   |
| System                              | Molded  |

### Electrical data

|                                  |        |
|----------------------------------|--------|
| Operating voltage U <sub>b</sub> | 24 VDC |
| Rated current (40 °C)            | 6.0 A  |

Single-Ended Cordsets  
**BCC PA04-0000-10-070-PX0550-050**  
**Order Code: BCC071C**



**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  |

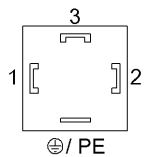
**Mechanical data**

|   |                       |
|---|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | black                 |
| Cable length L                          | 5.00 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**

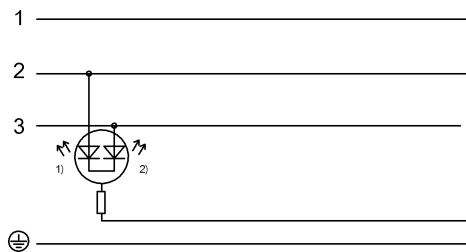
Cable construction acc. to UL-AWM Style 20549  
 Halogen-free acc. to EN 50267-2-1  
 Flame resistance per IEC 60332-2-2  
 \* style A per EN 175301-803  
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

**Connector Drawings**



PIN 1: brown  
 no PIN: blue  
 PIN 2: white  
 PIN 3: black  
 PIN PE: green/yellow

**Wiring Diagrams**



1) Yellow LED = Function  
 2) Green LED = Function