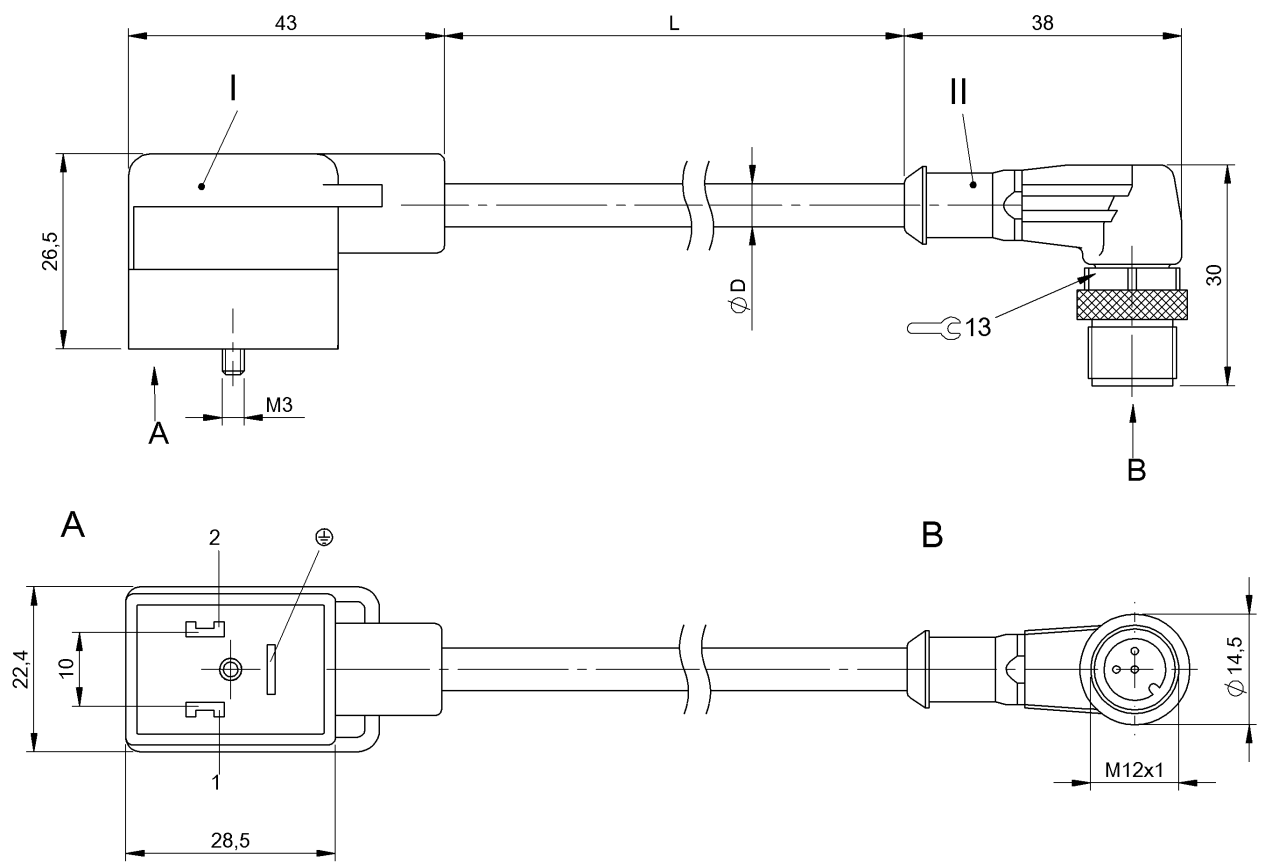


Double-Ended Cordsets  
BCC VB03-M423-3E-666-PX0350-015  
Order Code: BCC068N



Electrical connection

|                                     |                                          |
|-------------------------------------|------------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                    |
| Bending radius min., flexible cable | 10 x D                                   |
| Cable                               | PUR black, 1.5 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 <sup>2</sup>                     |
| Connection 1                        | B, DIN-0°-Valve connector, angled, 3-pin |
| Connection 2                        | M12x1-Male, angled, 3-pin, A-coded       |
| Number of conductors                | 3                                        |
| System                              | Molded/Molded                            |

Electrical data

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

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/IP67, IP69K |

Material

|                          |                        |
|--------------------------|------------------------|
| Cable jacket, material   | PUR                    |
| Material contact carrier | PBT/TPU                |
| Material contacts        | Brass/Bronze           |
| Material cover nut       | Brass<br>nickel-plated |
| Material grip            | PUR/PUR                |
| Material locking screw   | Steel                  |

Double-Ended Cordsets  
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Order Code: BCC068N



Mechanical data

|                               |                    |
|-------------------------------|--------------------|
| Acceleration max., drag chain | 5 m/s <sup>2</sup> |
| Cable jacket, color           | black              |
| Cable length L                | 1.50 m             |

Cable properties

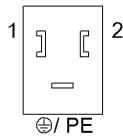
|                                         |               |
|-----------------------------------------|---------------|
| Horizontal travel permitted, drag chain | 5 m           |
| Tightening torque pigtail               | 0.5 Nm/0.6 Nm |
| Traverse speed max., drag chain         | 200 m/min     |
| Vertical travel permitted, drag chain   | 2 m           |

drag chain compatible

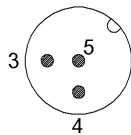
Remarks

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 B per EN 175301-803  
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



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



II  
PIN 3: blue  
PIN 4: brown  
PIN 5: green/yellow

Wiring Diagrams

