

Basic features

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

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 ² |
| Connection 1 | C, DIN-0°/180°-Valve connector, angled, 4-pin |
| Connection 2 | M12x1-Male, straight, 3-pin, A-coded |
| Number of conductors | 3 |
| System | Molded/Molded |

Electrical data

| | |
|----------------------------------|-----------------|
| Operating voltage U _b | 60 VDC / 60 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 nickel-plated |
| Material grip | PUR/PUR |
| Material locking screw | Steel |

Double-Ended Cordsets
BCC VC04-M413-3E-665-PX0350-015
Order Code: BCC04P1



Mechanical data

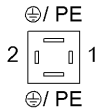
| | |
|-------------------------------|-----------------------|
| Acceleration max., drag chain | 5 m/s ² |
| Cable jacket, color | black |
| Cable length L | 1.50 m |
| Cable properties | drag chain compatible |

| | |
|---|---------------|
| 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 |

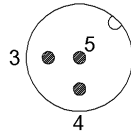
Remarks

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 C 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

