

- Female M8
- Male M12
- straight / straight

General attributes

| | |
|------------------------------|-----------------------|
| Additional features | Drag chain compatible |
| Cable jacket color | gray |
| Enclosure Type per IEC 60529 | IP67 / IP68 |
| Function indicator (PIN 4) | No / No |
| Power indicator | No / No |

Electrical attributes

| | |
|----------------------------------|--------------------|
| Operating voltage UB max. AC [V] | 60.0 V |
| Operating voltage UB max. DC [V] | 60.0 V |
| Switching function | Normally open (NO) |
| Switching output | No |

Mechanical attributes

| | |
|--------------------------------|--------------------|
| Acceleration max. (drag chain) | 5 m/s ² |
| Ambient temp. max. (fixed) | 105 °C |
| Ambient temp. max. (moving) | 105 °C |
| Ambient temp. max.(drag chain) | 60 °C |
| Ambient temp. min. (fixed) | -25 °C |
| Ambient temp. min. (moving) | -5 °C |
| Ambient temp. min.(drag chain) | -5 °C |
| Bending cycles | > 2 Mio. |
| Bending radius fixed cable | min. 5 x D |
| Bending radius tensioned cable | min. 10 x D |

| | |
|--------------------------------|--------------------------------|
| Cable diameter D | 4.5 +/- 0.15 mm |
| Cable jacket material | PVC |
| Cable length L [m] | 0.30 m |
| Conductor cross-section | 0.34 mm ² |
| Connector configuration | straight / straight |
| Connector type | M08x1 / M12x1 |
| Connector type (Header I) | Female M8 |
| Connector type (Header II) | Male M12 |
| Contact material | CuZn / CuZn |
| Cover nut material | GD-Zn / GD-Zn |
| Drag chain compatible | Yes |
| Grip material | PUR / PUR |
| Number of conductors | 3 |
| Number of female/male pins | 3 / 3 |
| Permiss.horizon. traverse dist | at 5 m/sec ² 5 m |
| Permiss.vert. traverse dist | at 5 m/sec ² 2 m |
| System | molded / molded |
| Tightening torque pigtail | 0.4 Nm / 0.6 Nm |
| Traverse speed max(drag chain) | at 5 m horiz. travel 200 m/min |

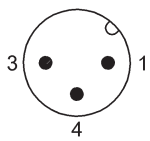
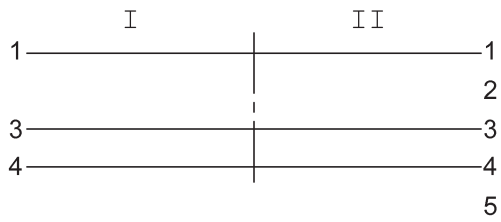
Additional text

Enclosure type accord. to IEC 60529, when threaded together with the appropriate counterpart.
 Cable structure according to UL-AWM Style 2517

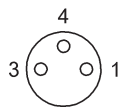
Connector/cable

BCC M313-M413-3E-300-VX8334-003

Order code: BCC03HE



PIN 1: brown
PIN 3: blue
PIN 4: black



I