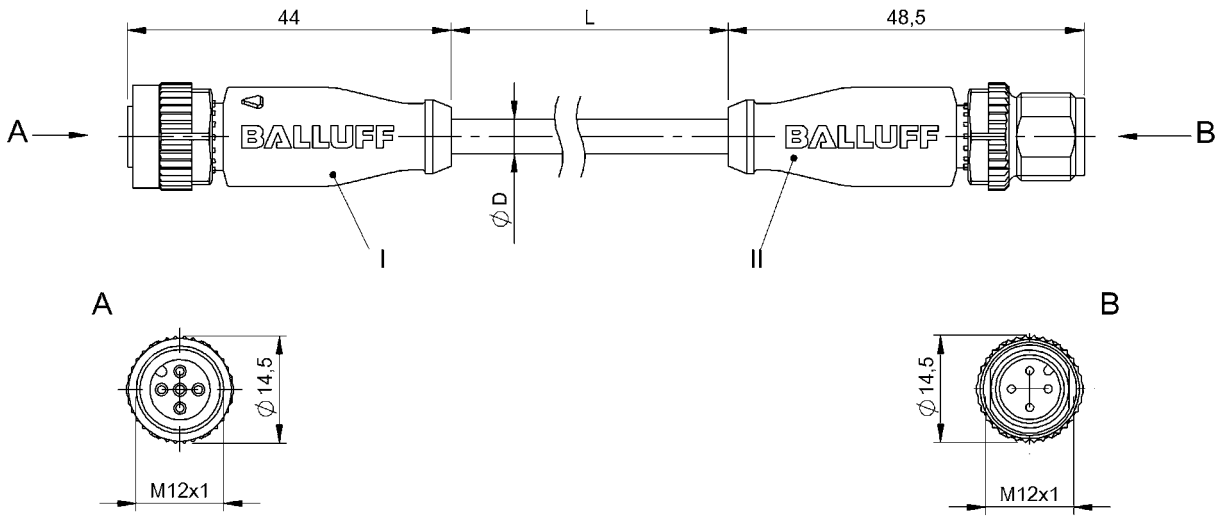
# BCC M415-M414-3A-304-PX0434-006
# BCC039J




4MT5
(CY.JV CABLE ASSEMBLY)

## Electrical connection

| | |
|---|---|
| Bending radius min., fixed cable | 5 x D |
| Bending radius min., flexible cable | 10 x D |
| Cable | PUR black, 0.60 m, Drag chain compatible |
| Cable diameter D | 4.70 mm ±0.20 mm |
| Cable, bending cycles min. | 5 million |
| Cable, torsion stress | ±180°/m |
| Conductor cross-section | 0.34 mm² |
| Number of conductors | 4 |
| Number of pins | 5/4 |
| System | Molded/Molded |

## Electrical data

| | |
|---|---|
| Horizontal travel permitted, drag chain | 5 m |
| Rated current (40 °C) | 4.0 A |
| Vertical travel permitted, drag chain | 5 m |

## Environmental conditions

| | |
|---|---|
| Cable temperatur, drag chain | -25…60 °C |
| Cable temperature, fixed routing | -50…90 °C |
| Cable temperature, flexible routing | -25…90 °C |
| Protection type IEC 60529 | IP68 /IP68 |

## Functional safety

| | |
|---|---|
| Cable temperature UL max., fixed routing | 80 °C |
| Cable temperature UL max., flexible routing | 80 °C |

## General data

| | |
|---|---|
| Approval/Conformity | cULus LISTED |

## Material

| | |
|---|---|
| Material contact carrier | PUR/PUR |
| Material contacts | Bronze/Brass |
| Material cover nut | Die-cast zinc/Die-cast zinc |
| Material grip | PUR/PUR |

## Mechanical data

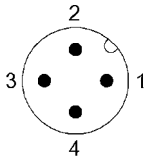
| | |
|---|---|
| Acceleration max., drag chain | 5 m/s² |
| Tightening torque pigtail | 0.6 Nm/0.6 Nm |
| Traverse speed max., drag chain | 200 m/min |

## Remarks

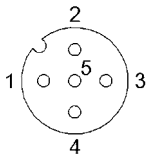
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame-retarding acc. to IEC 60332-2

# BCC M415-M414-3A-304-PX0434-006
# BCC039J

## Connector view




II PIN 1: brown PIN 2: white PIN 3: blue PIN 4: black




I PIN 1: brown PIN 2: white PIN 3: blue PIN 4: black PIN 5: n.c.

## Wiring Diagram

