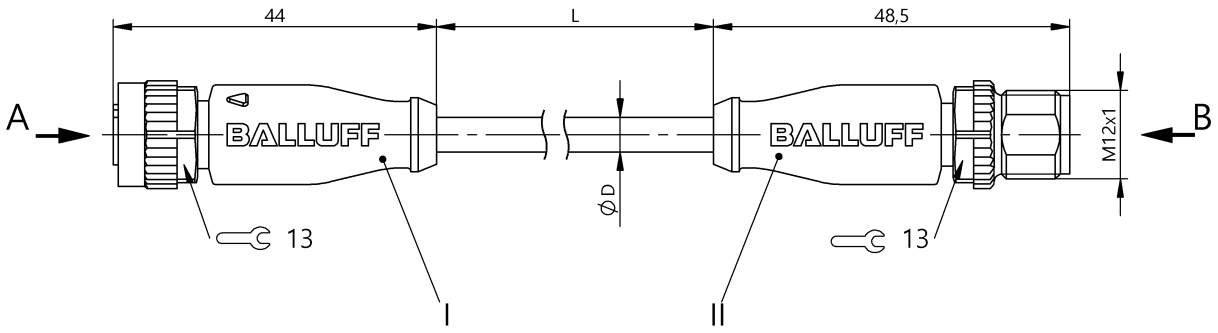
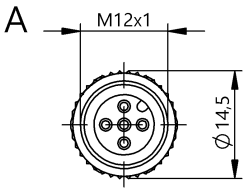
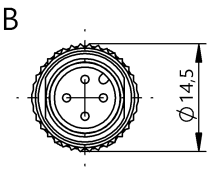
Double-Ended Cordsets

# BCC M415-M414-3A-304-EX44T2-050
# Order Code: BCC05M1




## Basic features

| | |
|---|---|
| **Approval/Conformity** | CE<br>cULus<br>WEEE |

## Electrical connection

| | |
|---|---|
| **Bending radius min., fixed cable** | 5 x D |
| **Bending radius min., flexible cable** | 10 x D |
| **Cable** | TPE Yellow, 5 m, drag chain compatible |
| **Cable diameter D** | 5.30 mm ±0.13 mm |
| **Cable, bending cycles min.** | 10 mil. |
| **Conductor cross-section** | 22 AWG |
| **Connection 1** | M12x1-Female, straight, 5-pin, A-coded |
| **Connection 2** | M12x1-Male, straight, 4-pin, A-coded |
| **Number of conductors** | 4 |
| **System** | Molded/Molded |

## Electrical data

| | |
|---|---|
| **Cable rated voltage AC max.** | 300 V |
| **Cable rated voltage DC max.** | 300 V |
| **Operating voltage Ub** | 250 VDC / 250 VAC |
| **Rated current (40 °C)** | 4.0 A |

## Environmental conditions

| | |
|---|---|
| **Cable temperature, fixed routing** | -50...105 °C |
| **Cable temperature, flexible routing** | -25...105 °C |
| **IP rating** | IP67, IP68, IP69K/IP67, IP68, IP69K |

## Interface

| | |
|---|---|
| **Switching output** | Complementary |

## Material

| | |
|---|---|
| **Cable jacket, material** | TPE |
| **Material contact carrier** | PUR/PUR |
| **Material contacts** | Bronze/Brass |
| **Material cover nut** | Die-cast zinc/Die-cast zinc |
| **Material grip** | PUR/PUR |

## Mechanical data

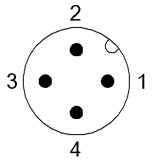
| | |
|---|---|
| **Cable jacket, color** | Yellow |
| **Cable length L** | 5.00 m |
| **Cable properties** | drag chain compatible |
| **Tightening torque pigtail** | 0.6 Nm/0.6 Nm |

## Remarks

Cable construction acc. to UL-AWM Style 20327
Flame resistance acc. to IEC 332-2
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

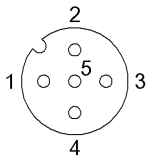
# BCC M415-M414-3A-304-EX44T2-050
# Order Code: BCC05M1

## Connector Drawings




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: not used

## Wiring Diagrams

