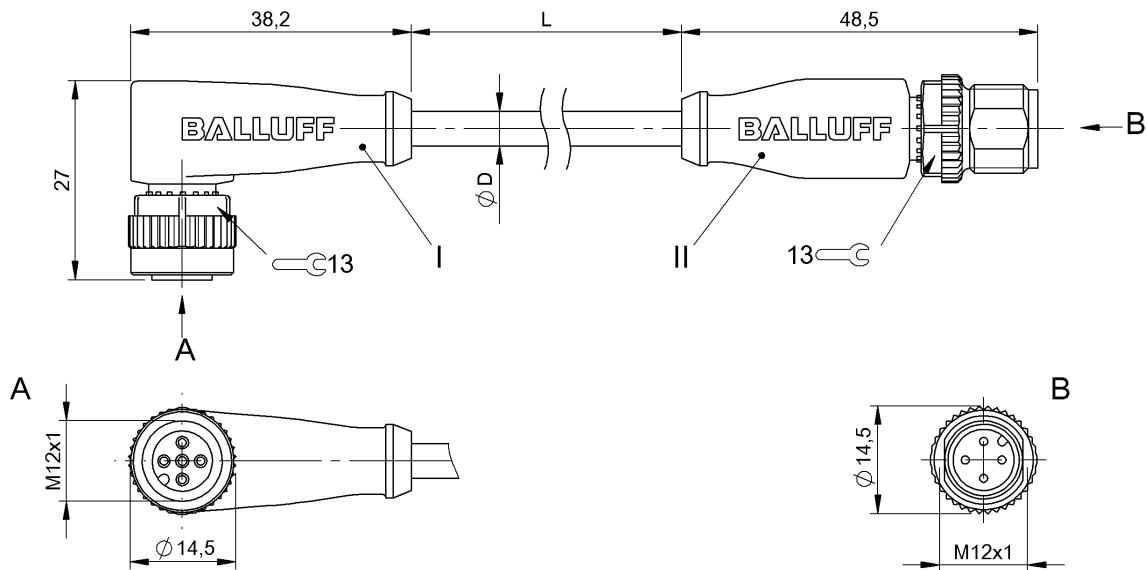


Double-Ended Cordsets  
BCC M425-M414-3A-304-EX44T2-030  
Order Code: BCC060T

**BALLUFF**



#### 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, 3 m, drag chain compatible |
| Cable diameter D                    | 5.30 mm $\pm$ 0.13 mm                  |
| Cable, bending cycles min.          | 10 mil.                                |
| Conductor cross-section             | 22 AWG                                 |
| Connection 1                        | M12x1-Female, angled, 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 $U_b$     | 250 VDC / 250 VAC |
| Rated current (40 °C)       | 4.0 A             |

#### 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.

#### 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 |
|------------------|---------------|

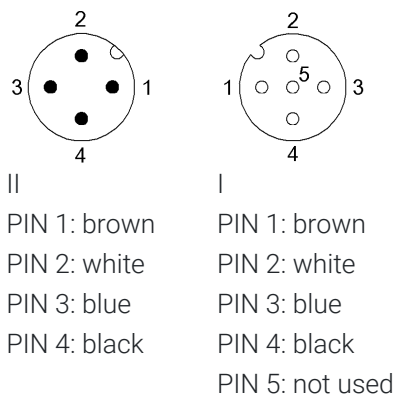
#### Material

|                          |                             |
|--------------------------|-----------------------------|
| 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            | 3.00 m                |
| Cable properties          | drag chain compatible |
| Tightening torque pigtail | 0.6 Nm/0.6 Nm         |

Connector Drawings



Wiring Diagrams

