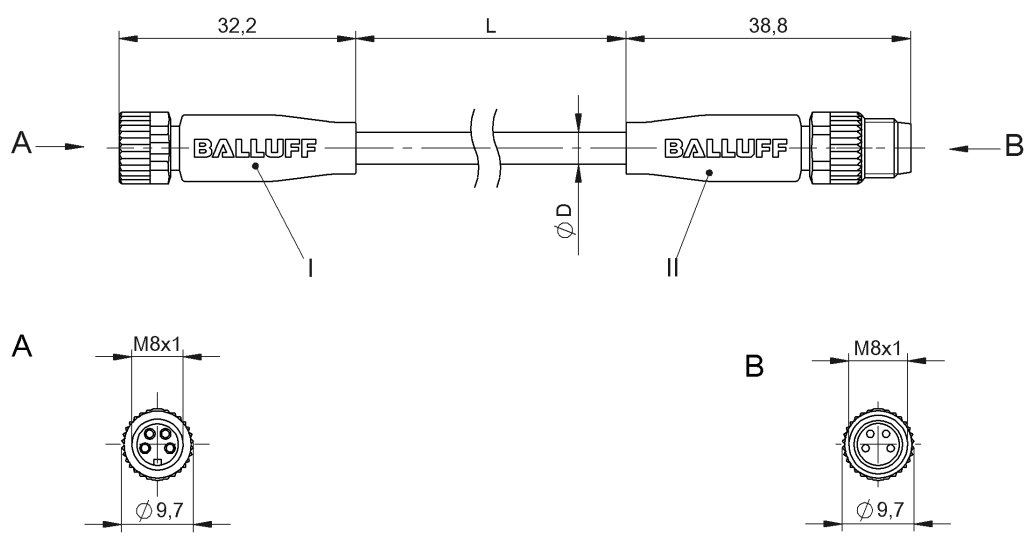


Double-Ended Cordsets  
BCC M314-M314-30-304-EX44T2-020  
Order Code: BCC0AAM



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, 2 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                        | M8x1-Female, straight, 4-pin, A-coded  |
| Connection 2                        | M8x1-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        | 60 VDC / 60 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, IP69K/IP67, IP69K |

Material

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

Mechanical data

|                           |                       |
|---------------------------|-----------------------|
| Cable jacket, color       | Yellow                |
| Cable length L            | 2.00 m                |
| Cable properties          | drag chain compatible |
| Tightening torque pigtail | 0.4 Nm/0.4 Nm         |

Connector Drawings



- |              |              |
|--------------|--------------|
| I            | II           |
| PIN 1: brown | PIN 1: brown |
| PIN 2: white | PIN 2: white |
| PIN 3: blue  | PIN 3: blue  |
| PIN 4: black | PIN 4: black |

Wiring Diagrams

