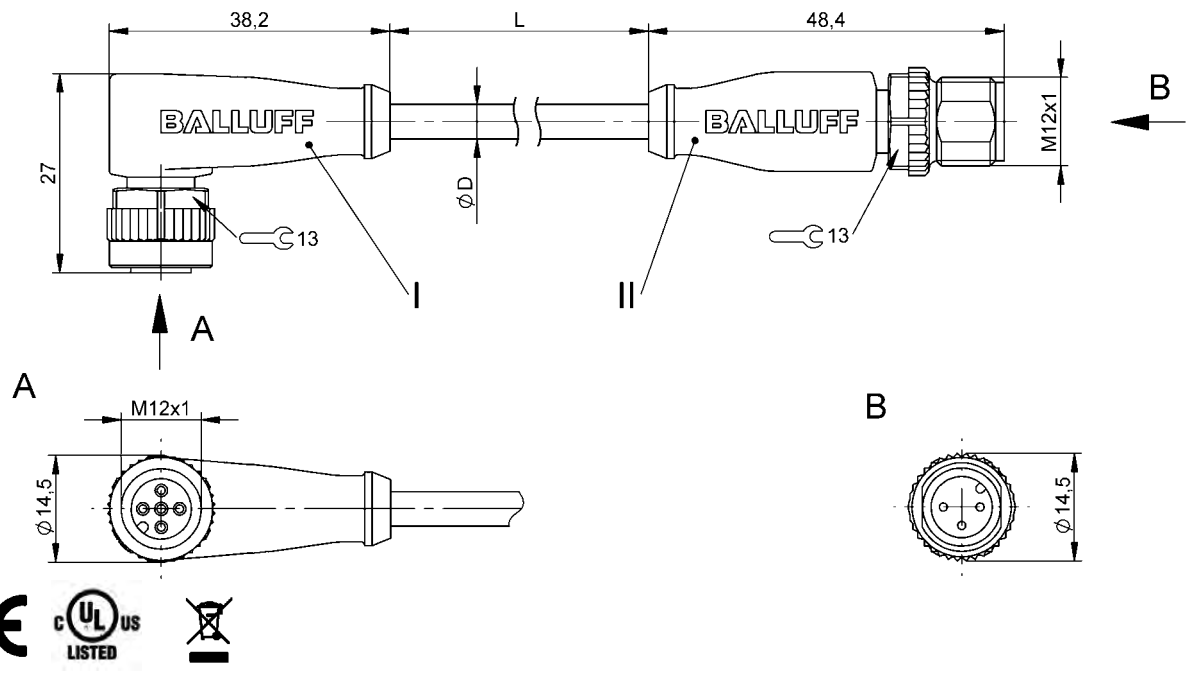


Double-Ended Cordsets  
BCC M425-M413-3A-602-EX43T2-003  
Order Code: BCC0604



Basic features

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

Display/Operation

|                            |              |
|----------------------------|--------------|
| Function indicator (Pin 4) | LED yellow   |
| Power indicator            | LED green/no |

Electrical connection

|                                     |                                          |
|-------------------------------------|------------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                    |
| Bending radius min., flexible cable | 10 x D                                   |
| Cable                               | TPE Yellow, 0.3 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, angled, 5-pin, A-coded     |
| Connection 2                        | M12x1-Male, straight, 3-pin, A-coded     |
| Number of conductors                | 3                                        |
| System                              | Molded/Molded                            |

Electrical data

|                             |        |
|-----------------------------|--------|
| Cable rated voltage AC max. | 300 V  |
| Cable rated voltage DC max. | 300 V  |
| Operating voltage Ub        | 30 VDC |
| 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 | PNP normally open (NO) |
|------------------|------------------------|

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                     |

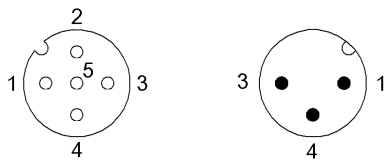
Mechanical data

|                           |                       |
|---------------------------|-----------------------|
| Cable jacket, color       | Yellow                |
| Cable length L            | 0.30 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.

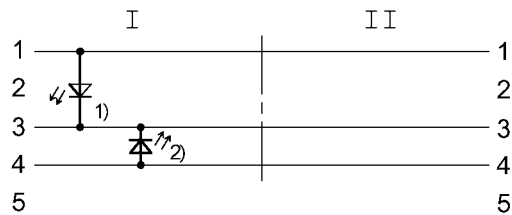
Connector Drawings



I  
PIN 1: brown  
PIN 2: not used  
PIN 3: blue  
PIN 4: black  
PIN 5: not used

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

Wiring Diagrams



1) Green LED = Power  
2) Yellow LED = Function