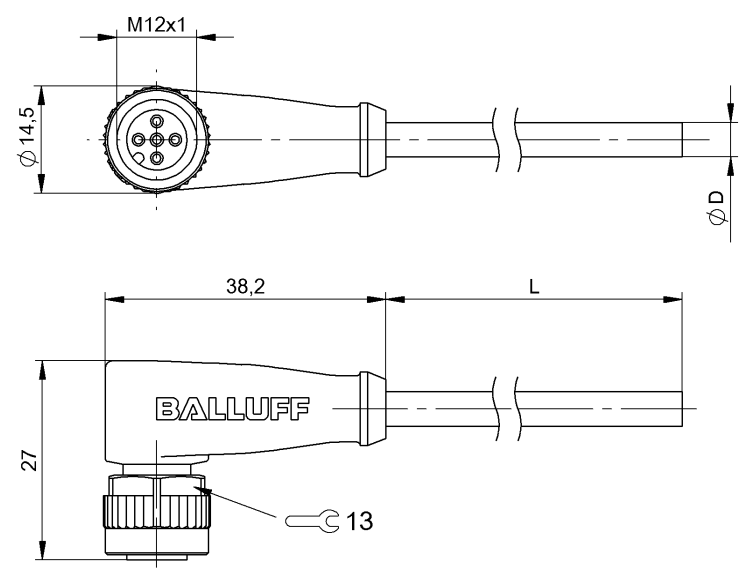


Single-Ended Cordsets  
BCC M425-0000-1A-010-PX44T2-050  
Order Code: BCC05WL



### Basic features

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

### Display/Operation

|                            |            |
|----------------------------|------------|
| Function indicator (Pin 2) | LED white  |
| Function indicator (Pin 4) | LED yellow |
| Power indicator            | Green LED  |

### Electrical connection

|                                     |                                        |
|-------------------------------------|----------------------------------------|
| Bending radius min., fixed cable    | 5 x D                                  |
| Bending radius min., flexible cable | 10 x D                                 |
| Cable                               | PUR Yellow, 5 m, drag chain compatible |
| Cable diameter D                    | 4.70 mm ±0.20 mm                       |
| Cable, bending cycles min.          | 5 mil.                                 |
| Conductor cross-section             | 22 AWG                                 |
| Connection                          | M12x1-Female, angled, 5-pin, A-coded   |
| Connector configuration             | right-angle                            |
| Number of conductors                | 4                                      |
| Number of pins                      | 5                                      |
| System                              | 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 UL max., fixed routing    | 80 °C             |
| Cable temperature UL max., flexible routing | 80 °C             |
| Cable temperature, fixed routing            | -50...90 °C       |
| Cable temperature, flexible routing         | -25...90 °C       |
| IP rating                                   | IP67, IP68, IP69K |

### Interface

|                  |                      |
|------------------|----------------------|
| Switching output | PNP NO/NC antivalent |
|------------------|----------------------|

### Material

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

### Mechanical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Acceleration max., drag chain           | 5 m/s <sup>2</sup>    |
| Cable jacket, color                     | Yellow                |
| Cable length L                          | 5.00 m                |
| Cable properties                        | drag chain compatible |
| Horizontal travel permitted, drag chain | 5 m                   |
| Tightening torque pigtail               | 0.6 Nm                |
| Traverse speed max., drag chain         | 200 m/min             |
| Vertical travel permitted, drag chain   | 2 m                   |

#### Remarks

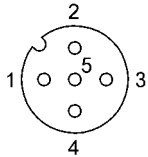
Bulk cable approval per UL+CSA, UL-AWM Style 21198 or 20549

Halogen-free per DIN VDE 0472 Part 815

Flame resistance acc. to FT1

Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

#### Connector Drawings



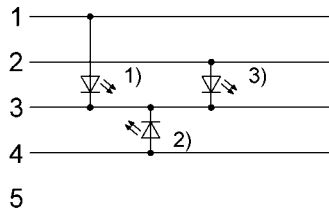
PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

#### Wiring Diagrams



1) Green LED = Power

2) Yellow LED = Function

3) LED white = Function