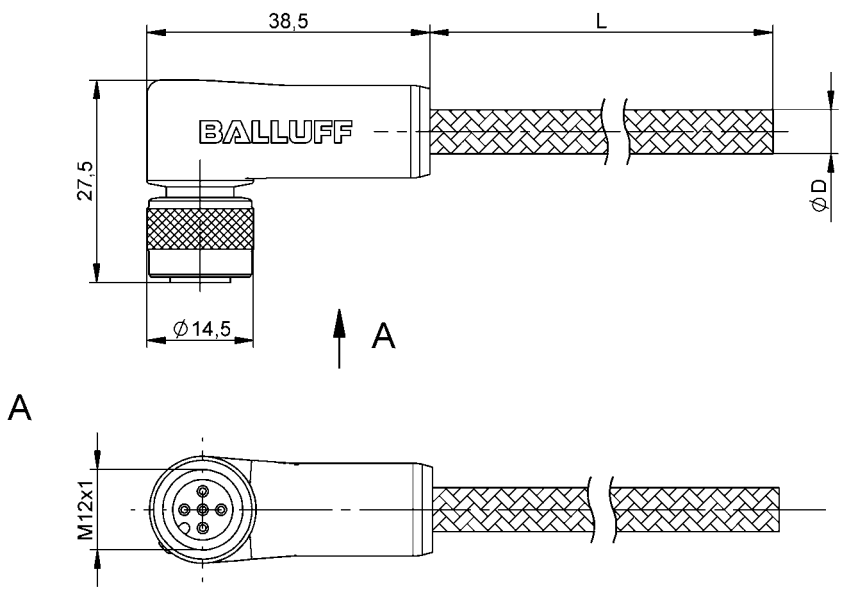


Single-Ended Cordsets  
BCC W425-0000-1A-003-MW8434-006  
Order Code: BCC0FEP



Basic features

|                     |                               |
|---------------------|-------------------------------|
| Application         | very good mechanical strength |
| 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                               | PUR black, 0.6 m                     |
| Cable diameter D                    | 5.10 mm $\pm$ 0.20 mm                |
| Conductor cross-section             | 0.34 mm <sup>2</sup>                 |
| Connection                          | M12x1-Female, angled, 5-pin, A-coded |
| Connector configuration             | right-angle                          |
| Number of conductors                | 4                                    |
| Number of pins                      | 5                                    |
| Protection jacket color             | silver                               |
| System                              | Molded                               |

Electrical data

|                       |                   |
|-----------------------|-------------------|
| Operating voltage Ub  | 250 VDC / 250 VAC |
| Rated current (40 °C) | 4.0 A             |

Remarks

Cable construction acc. to UL-AWM Style 20549  
Halogen-free per DIN VDE 0472 Part 815  
Flame resistance per UL FT2  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

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                                   | IP65        |

Interface

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

Material

|                          |              |
|--------------------------|--------------|
| Cable jacket, material   | PUR          |
| Jacket material          | V2A          |
| Material contact carrier | PUR, special |
| Material contacts        | Bronze       |
| Material cover nut       | Brass        |
|                          | PTFE coated  |
| Material grip            | PUR, special |

Mechanical data

|                           |        |
|---------------------------|--------|
| Cable jacket, color       | black  |
| Cable length L            | 0.60 m |
| Tightening torque pigtail | 0.6 Nm |

Connector Drawings



PIN 1: brown  
PIN 2: white  
PIN 3: blue  
PIN 4: black

Wiring Diagrams

