

Single-Ended Cordsets  
**BCC M425-0000-1A-003-EX44T2-100**  
**Order Code: BCC05T8**

# 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, 10 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                          | 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        | 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 |

## Interface

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

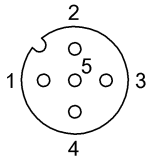
## Material

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

## Mechanical data

|                           |                       |
|---------------------------|-----------------------|
| Cable jacket, color       | Yellow                |
| Cable length L            | 10.00 m               |
| Cable properties          | drag chain compatible |
| Tightening torque pigtail | 0.6 Nm                |

## Connector Drawings



PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

## Wiring Diagrams

