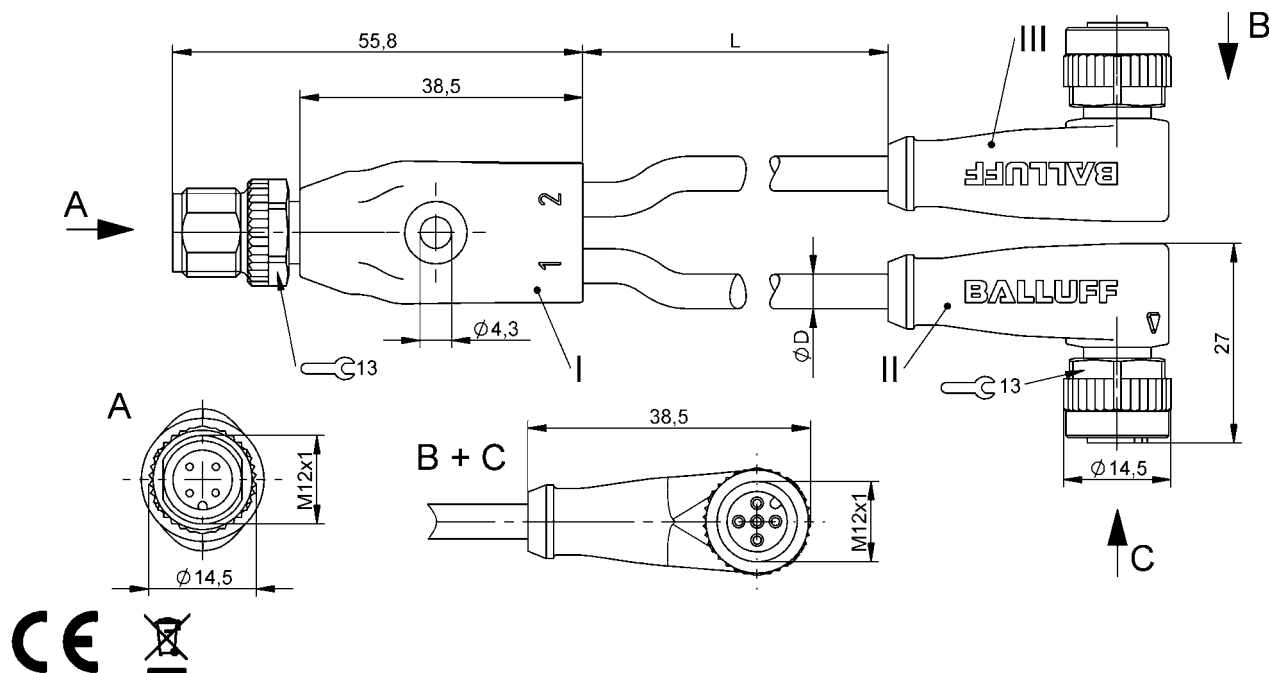


## Y-Splitters

BCC M414-M425-M425-U2010-020

Order Code: BCC0ALP

# BALLUFF



## Basic features

|                     |      |
|---------------------|------|
| Approval/Conformity | CE   |
|                     | WEEE |

## Electrical connection

|                         |                                      |
|-------------------------|--------------------------------------|
| Cable diameter D        | 4.70 mm ±0.15 mm                     |
| Conductor cross-section | 22 AWG                               |
| Connection 1            | M12x1-Male, straight, 4-pin, A-coded |
| Connection 2            | M12x1-Female, angled, 5-pin, A-coded |
| Connection 3            | M12x1-Female, angled, 5-pin, A-coded |
| Connector 01, version   | straight                             |
| Connector 02, version   | angled                               |
| Connector 03, version   | angled                               |
| Number of conductors    | 3/3                                  |
| Number of pins          | 4/5/5                                |
| System                  | Molded/Molded/Molded                 |

## Electrical data

|                             |                   |
|-----------------------------|-------------------|
| Cable rated voltage AC max. | 300 V             |
| Cable rated voltage DC max. | 300 V             |
| Operating voltage $U_b$     | 250 VDC / 250 VAC |
| Rated current (40 °C)       | 4.0 A             |

## Environmental conditions

**IP rating** IP67, IP68, IP69K/IP67, IP68, IP69K

## Material

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

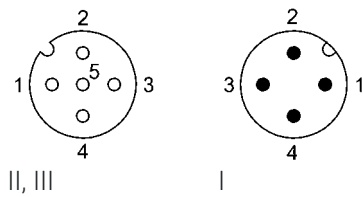
## Mechanical data

|                           |                      |
|---------------------------|----------------------|
| Cable jacket, color       | Yellow               |
| Cable length L            | 2.00 m               |
| Tightening torque pigtail | 0.6 Nm/0.6 Nm/0.6 Nm |

## Remarks

Bulk cable approval per UL-AWM Style 2661 & CSA AWM I/II A/B  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



Wiring Diagrams

