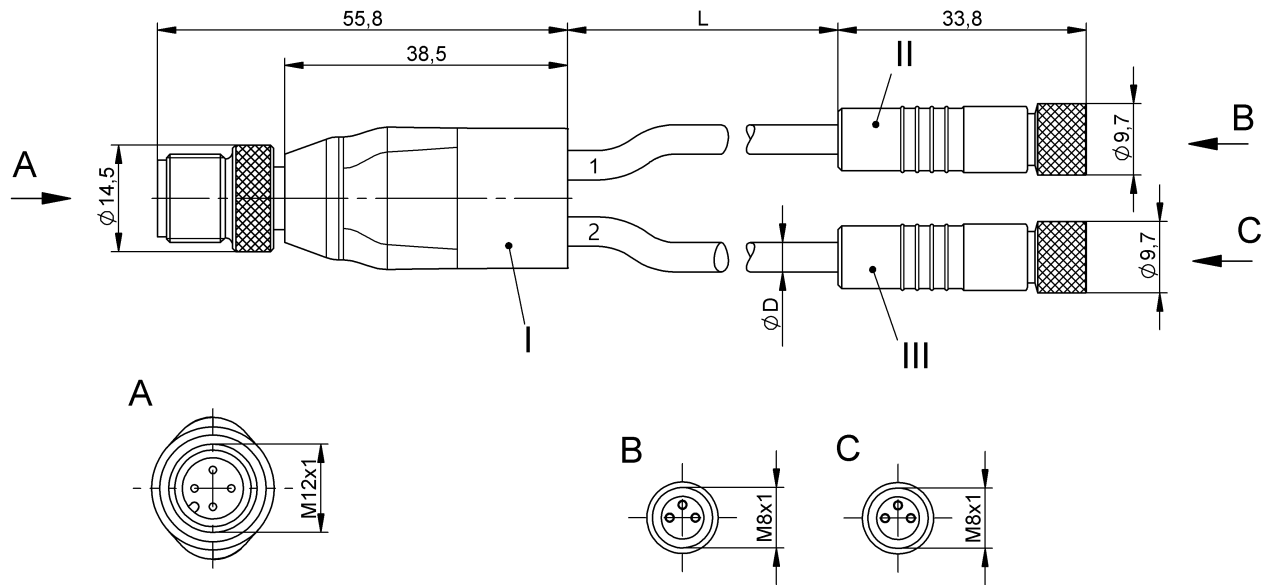


Y-Splitters

BCC W414-W313-W313-U2049-003

Order Code: BCC0EW3

BALLUFF



Basic features

| | |
|---------------------|-------------------|
| Application | Welding area |
| Approval/Conformity | CE EAC WEEE |

Electrical connection

| | |
|-------------------------------------|---------------------------------------|
| Bending radius min., fixed cable | 10 x D |
| Bending radius min., flexible cable | 15 x D |
| Cable diameter D | 5.70 mm \pm 0.25 mm |
| Conductor cross-section | 0.34 mm ² |
| Connection 1 | M12x1-Male, straight, 4-pin, A-coded |
| Connection 2 | M8x1-Female, straight, 3-pin, A-coded |
| Connection 3 | M8x1-Female, straight, 3-pin, A-coded |
| Connector 01, version | Straight |
| Connector 02, version | Straight |
| Connector 03, version | Straight |
| Number of conductors | 4/4 |
| Number of pins | 4/3/3 |
| System | Molded/Molded/Molded |

Electrical data

| | |
|-------------------------|-----------------|
| Operating voltage U_b | 60 VDC / 60 VAC |
| Rated current (40 °C) | 4.0 A |

Environmental conditions

| | |
|---------------------------------------------|----------------|
| Cable temperature UL max., fixed routing | 150 °C |
| Cable temperature UL max., flexible routing | 150 °C |
| Cable temperature, fixed routing | -40...200 °C |
| Cable temperature, flexible routing | -25...200 °C |
| IP rating | IP67/IP67/IP67 |

Material

| | |
|-----------------------------|----------------------------------------------------------------|
| Cable jacket material, note | welding spark resistant |
| Cable jacket, material | Silicone |
| Material contact carrier | PUR, special/PUR, special/PUR, special |
| Material contacts | Brass/Bronze/Bronze |
| Material cover nut | Brass PTFE coated/Brass PTFE coated/Brass PTFE coated |
| Material grip | PUR, special/PUR, special/PUR, special |

Mechanical data

| | |
|---------------------------|----------------------|
| Cable jacket, color | black |
| Cable length L | 0.30 m |
| Tightening torque pigtail | 0.6 Nm/0.4 Nm/0.4 Nm |

Y-Splitters

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Remarks

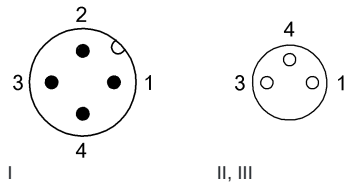
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Cable construction acc. to UL-AWM Style 4535

Halogen-free per IEC 60754

Maximum temperature at outer jacket from weld spatter/beads short-time 800°C.

Connector Drawings



Wiring Diagrams

