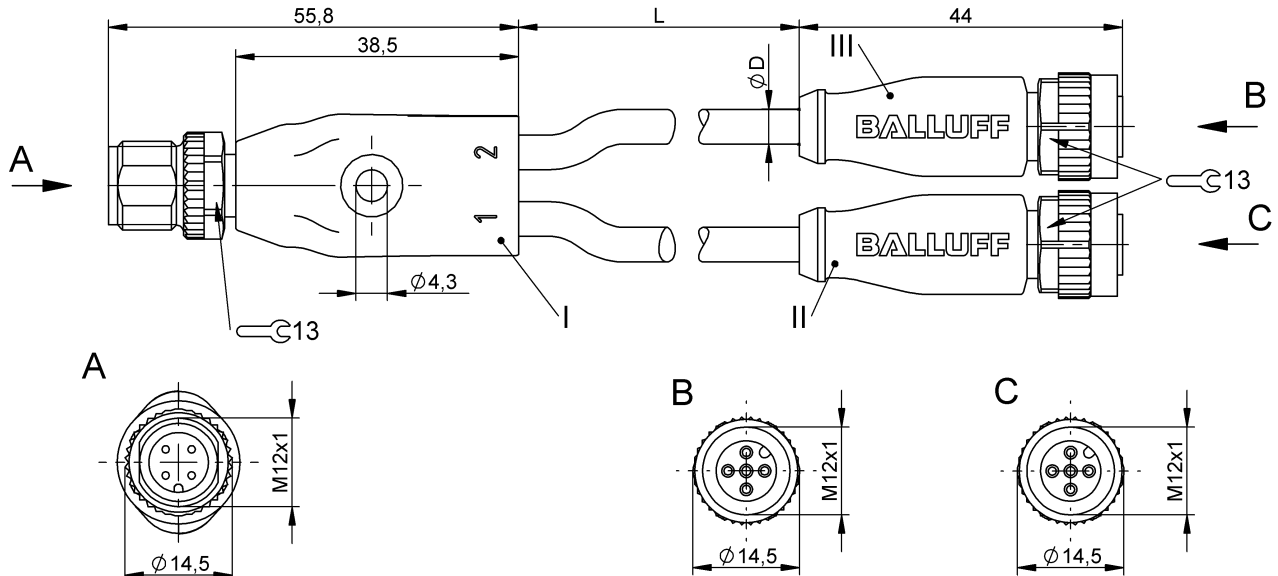


Y-Splitters

BCC M414-M415-M415-U2002-003

Order Code: BCC0AL7

BALLUFF



Basic features

Approval/Conformity	CE WEEE cULus
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Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable diameter D	5.30 mm ±0.13 mm
Cable, bending cycles min.	10 mil.
Conductor cross-section	22 AWG
Connection 1	M12x1-Male, straight, 4-pin, A-coded
Connection 2	M12x1-Female, straight, 5-pin, A-coded
Connection 3	M12x1-Female, straight, 5-pin, A-coded
Connector 01, version	straight
Connector 02, version	straight
Connector 03, version	straight
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 Ub	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature, fixed routing	-50...105 °C
Cable temperature, flexible routing	-25...105 °C
IP rating	IP67, IP68, IP69K/IP67, IP68, IP69K

Material

Cable jacket, material	TPE
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

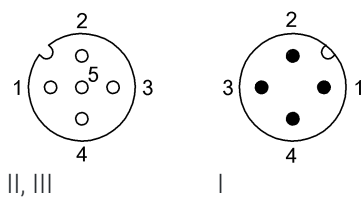
Mechanical data

Cable jacket, color	Yellow
Cable length L	0.30 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm/0.6 Nm/0.6 Nm

Remarks

Cable construction acc. to UL-AWM Style 20327
Flame resistance IEC 332-2
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



Wiring Diagrams (Schematic)

