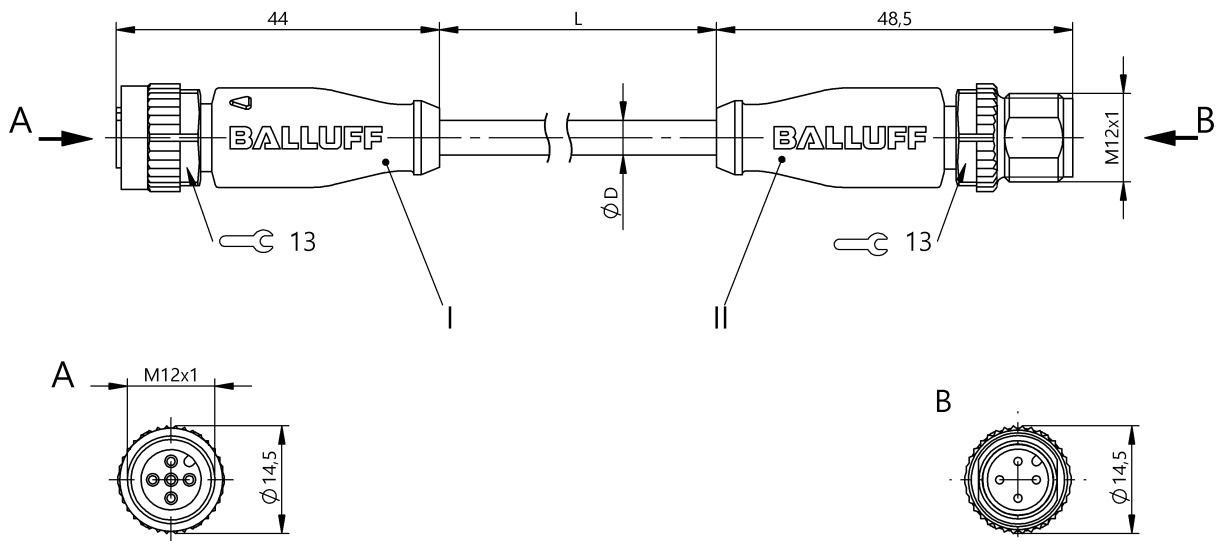


Double-Ended Cordsets

BCC M415-M414-3A-304-PX4434-100-C033

Order Code: BCC0JR5

BALLUFF



Basic features

Approval/Conformity	CE cULus EAC WEEE
Base type deviation	C033: Grip yellow

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Yellow, 10 m, drag chain compatible
Cable diameter D	4.70 mm ±0.20 mm
Cable, bending cycles min.	5 mil.
Cable, torsion stress	±180°/m
Conductor cross-section	0.34 mm²
Connection 1	M12x1-Female, Straight, 5-pin, A-coded
Connection 2	M12x1-Male, Straight, 4-pin, A-coded
Number of conductors	4
System	Molded/Molded

Electrical data

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

Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-40...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67, IP68, IP69K/IP67, IP68, IP69K

Interface

Switching output	Complementary
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Material

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

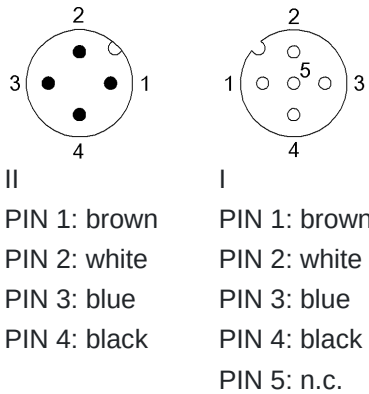
Mechanical data

Acceleration max., drag chain	5 m/s²
Cable jacket, color	Yellow
Cable length L	10.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min

Remarks

Cable construction acc. to UL-AWM Style 20233
Halogen-free acc. to EN 50267-2-1
Silicone-free
Flame resistance acc. to IEC 60332-2-2, UL 1581, FT 1
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



Wiring Diagrams

