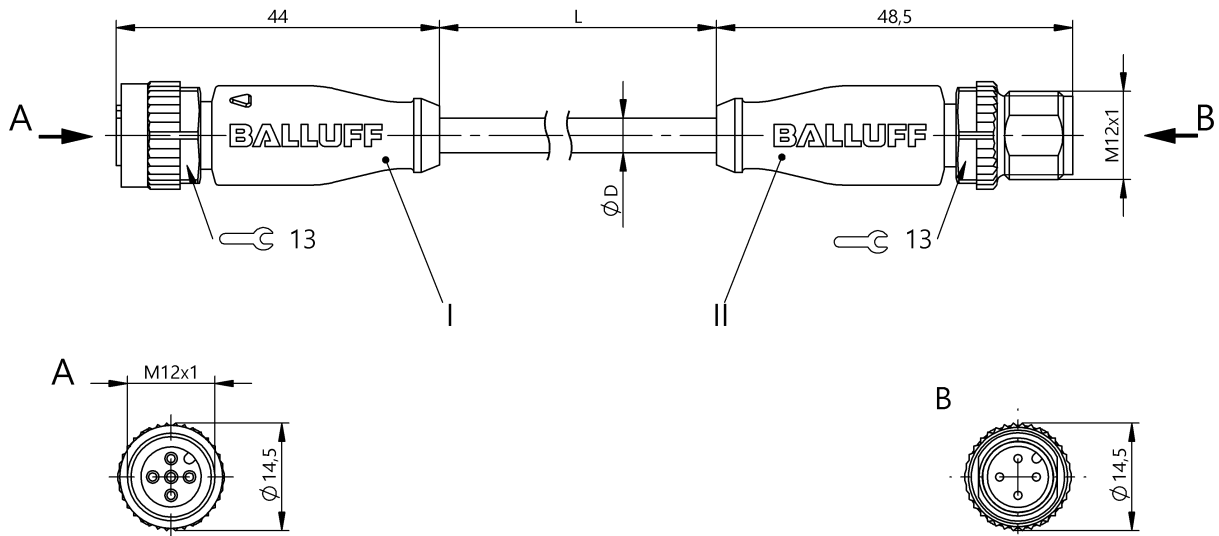


Double-Ended Cordsets

BCC M415-M414-3A-304-PX4434-050-C033

Order Code: BCC0JR4

BALLUFF



4MT5
(CYJV CABLE ASSEMBLY)



Basic features

Approval/Conformity	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, 5.00 m, Drag chain compatible
Cable diameter D	4.70 mm ±0.20 mm
Cable, bending cycles min.	5 million
Cable, torsion stress	±180°/m
Conductor cross-section	0.34 mm ²
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

Remarks

Cable construction acc. to UL-AWM Style 20233
Halogen-free acc. to EN 50267-2-1
Silicone-free

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

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

Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	Yellow
Cable length L	5.00 m
Cable properties	Drag chain compatible
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min

Output/Interface

Switching output	Complementary
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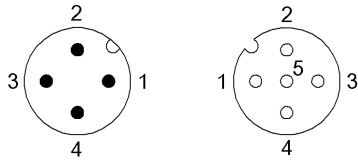
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BALLUFF

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



II

PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

I

PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

PIN 5: n.c.

Wiring Diagrams

