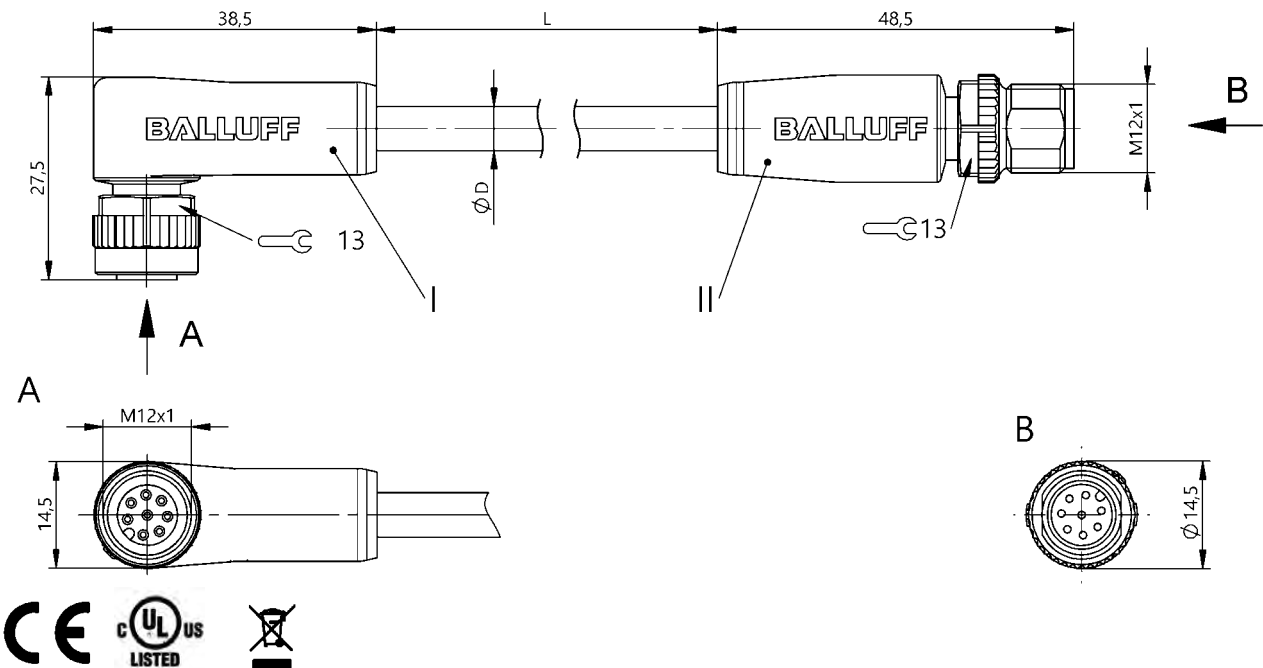


Double-Ended Cordsets
BCC M428-M418-3A-320-PX0825-100
Order Code: BCC0JLE

BALLUFF



Basic features

Approval/Conformity	CE cULus WEEE
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Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 10 m, drag chain compatible
Cable diameter D	6.00 mm ± 0.20 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.25 mm ²
Connection 1	M12x1-Female, angled, 8-pin, A-coded
Connection 2	M12x1-Male, straight, 8-pin, A-coded
Number of conductors	8
System	Molded/Molded

Electrical data

Operating voltage U_b	30 VDC / 30 VAC
Rated current (40 °C)	2.0 A

Remarks

Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame-retarding acc. to IEC 60332-2
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Environmental conditions

Cable temperature, drag chain	-25...60 °C
Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67, IP68, IP69K/IP67, IP68, IP69K

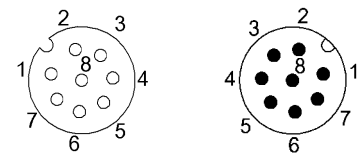
Material

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/PUR

Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	10.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Connector Drawings



- | | |
|---------------|---------------|
| I | II |
| PIN 1: white | PIN 1: white |
| PIN 2: brown | PIN 2: brown |
| PIN 3: green | PIN 3: green |
| PIN 4: yellow | PIN 4: yellow |
| PIN 5: gray | PIN 5: gray |
| PIN 6: pink | PIN 6: pink |
| PIN 7: blue | PIN 7: blue |
| PIN 8: red | PIN 8: red |

Wiring Diagrams

