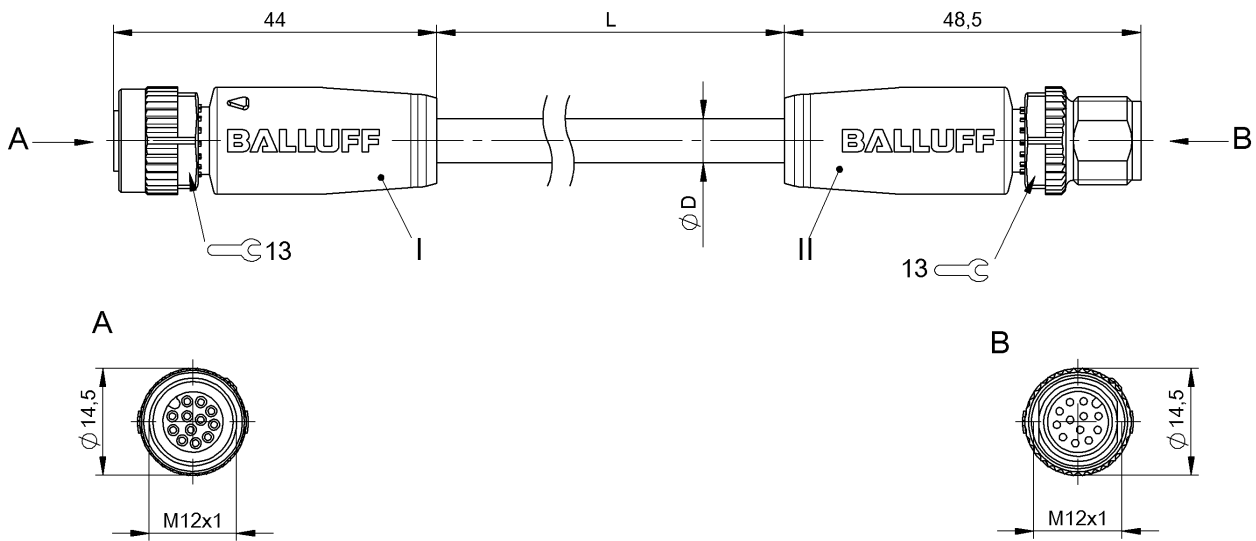


Double-Ended Cordsets
BCC M41C-M41C-3A-325-PX0C25-020
Order Code: BCC088H

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, 2 m, drag chain compatible
Cable diameter D	6.50 mm ±0.20 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.25 mm ²
Connection 1	M12x1-Female, straight, 12-pin, A-coded
Connection 2	M12x1-Male, straight, 12-pin, A-coded
Number of conductors	12
System	Molded/Molded

Electrical data

Operating voltage U _b	30 VDC / 30 VAC
Rated current (40 °C)	1.5 A

Environmental conditions

Ambient temperature	-25...80 °C
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

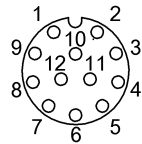
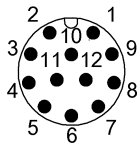
Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	2.00 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

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.

Connector Drawings



II	I
PIN 1: brown	PIN 1: brown
PIN 2: blue	PIN 2: blue
PIN 3: white	PIN 3: white
PIN 4: green	PIN 4: green
PIN 5: pink	PIN 5: pink
PIN 6: yellow	PIN 6: yellow
PIN 7: black	PIN 7: black
PIN 8: gray	PIN 8: gray
PIN 9: red	PIN 9: red
PIN10: violet	PIN10: violet
PIN 11: gray/pink	PIN 11: gray/pink
PIN12: red/blue	PIN12: red/blue

Wiring Diagrams

