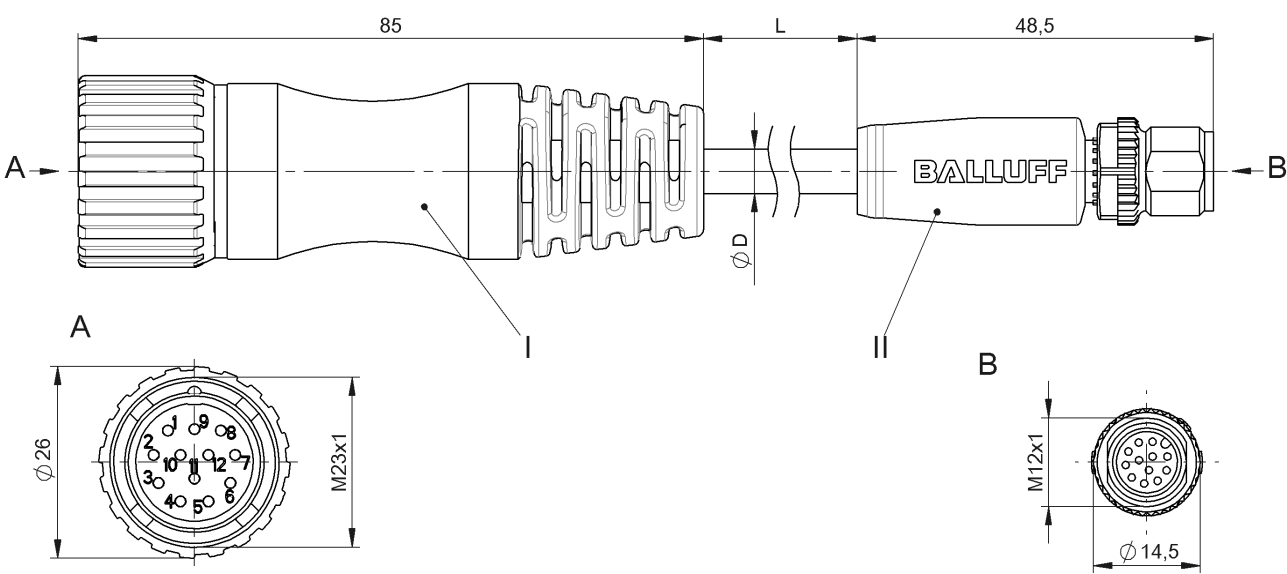


Double-Ended Cordsets
BCC M61C-M41C-3E-675-PX0C25-020
Order Code: BCC088P



Basic features

Approval/Conformity	CE 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	M23x1-Female, straight, 12-pin
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

Material

Cable jacket, material	PUR
Material contact carrier	PA 6.6/PUR
Material contacts	Bronze/Brass
Material cover nut	Die-cast zinc/Die-cast zinc
Material grip	PUR/PUR

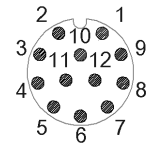
Mechanical data

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
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Remarks

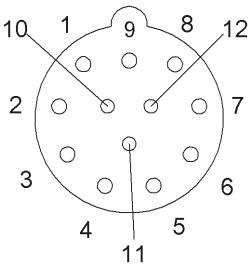
Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame-retarding acc. to IEC 60332-2
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



II

- PIN 1: brown
- PIN 2: blue
- PIN 3: white
- PIN 4: green
- PIN 5: pink
- PIN 6: yellow
- PIN 7: black
- PIN 8: gray
- PIN 9: red
- PIN10: violet
- PIN11: not used
- PIN12: not used



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- PIN 1: white
- PIN 2: green
- PIN 3: pink
- PIN 4: yellow
- PIN 5: black
- PIN 6: gray
- PIN 7: red
- PIN 8: purple
- PIN 9: blue
- PIN10: blue
- PIN 11: brown
- PIN12: not used

Wiring Diagrams

