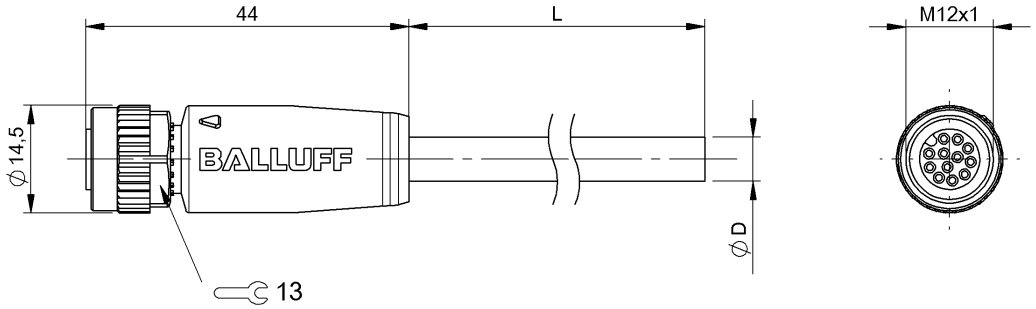
Single-Ended Cordsets

BCC M41C-0000-1A-049-PX0C25-050
Order Code: BCC06UL



Basic features

Approval/Conformity	CE cULus EAC WEEE

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR black, 5 m, drag chain compatible
Cable diameter D	6.50 mm ±0.20 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.25 mm²
Connection	M12x1-Female, Straight, 12-pin, A-coded
Connector configuration	Straight
Number of conductors	12
Number of pins	12
System	Molded

Electrical data

Operating voltage Ub	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

Material

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

Mechanical data

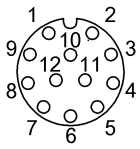
Acceleration max., drag chain	5 m/s²
Cable jacket, color	black
Cable length L	5.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

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 or 20653, only in screwed state with the associated mating piece.

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Connector Drawings



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
PIN 11: gray/pink
PIN12: red/blue

Wiring Diagrams

