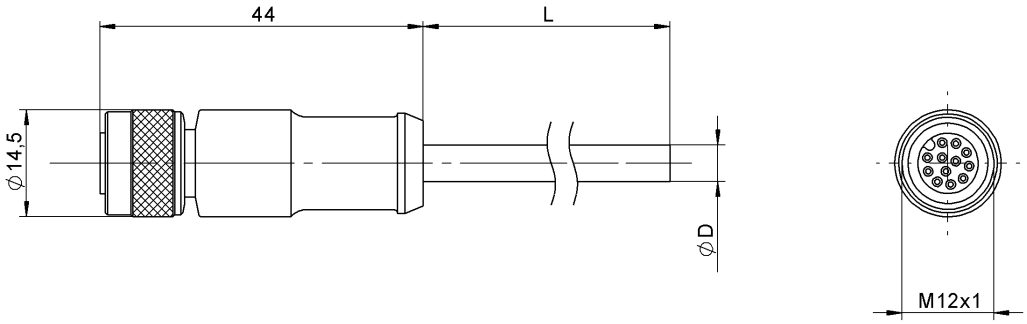
Single-Ended Cordsets

BCC M41C-0000-1A-169-PS0C25-050-C009
Order Code: BCC0JCN



Basic features

Approval/Conformity	CE WEEE

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PUR Shielded black, 5 m, drag chain compatible
Cable diameter D	7.00 mm ±0.2 mm
Cable, bending cycles min.	10 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

Conductor construction	6x2 twisted-pair
Operating voltage Ub	30 VDC / 30 VAC
Rated current (40 °C)	1.5 A

Environmental conditions

Cable temperature, fixed routing	-40...105 °C
Cable temperature, flexible routing	-25...105 °C
IP rating	IP67

Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Cable shield	Copper braid, tin-plated
Material contact carrier	PUR
Material contacts	Bronze
Material cover nut	Brass nickel-plated
Material grip	PUR

Mechanical data

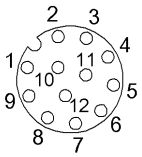
Acceleration max., drag chain	80 m/s²
Cable jacket, color	black
Cable length L	5.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	10 - 100 m
Tightening torque pigtail	0.6 Nm
Traverse speed max., drag chain	10 m/s

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Remarks

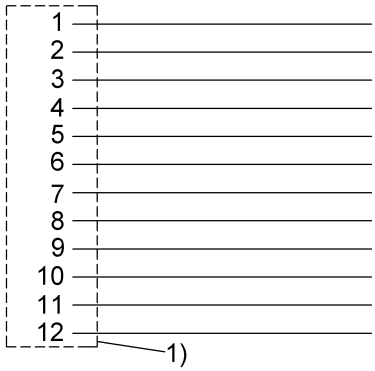
Halogen-free
Silicone-free
Oil-resistant
Flame-retarding
Cable construction acc. to UL-AWM Style 21923
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



PIN 1: white, Pair 3
PIN 2: brown, Pair 3
PIN 3: green, Pair 4
PIN 4: yellow, pair 4
PIN 5: gray, Pair 2
PIN 6: pink, Pair 2
PIN 7: blue, Pair 1
PIN 8: red, Pair 1
PIN 9: black, Pair 5
PIN10: violet, Pair 5
PIN11: gray/pink, Pair 6
PIN12: red/blue, Pair 6

Wiring Diagrams



1) Shield on cover nut