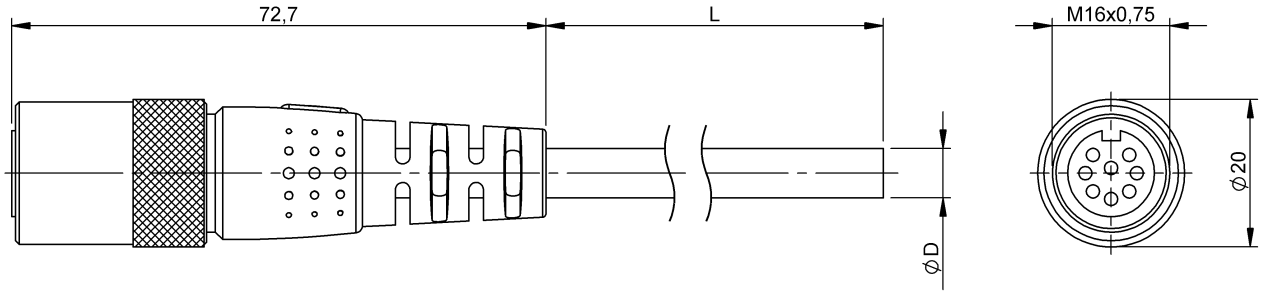
Single-Ended Cordsets

BCC S518-0000-1Y-133-PS0825-150
Order Code: BCC0L23



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 Shielded black, 15 m, drag chain compatible
Cable diameter D	6.00 mm ±0.15 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.25 mm²
Connection	M16x0.75-Female, Straight, 8-pin
Connector configuration	Straight
Number of conductors	8
Number of pins	8
System	assembled

Electrical data

Conductor construction	4x2 twisted-pair
Operating voltage Ub	60 VDC / 60 VAC
Rated current (40 °C)	5.0 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, IP69K

Material

Cable jacket material, note	Shielded
Cable jacket, material	PUR
Material contact carrier	PA
Material contacts	Brass
Material cover nut	Stainless steel
Material grip	PUR

Mechanical data

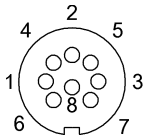
Acceleration max., drag chain	5 m/s²
Cable jacket, color	black
Cable length L	15.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

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Remarks

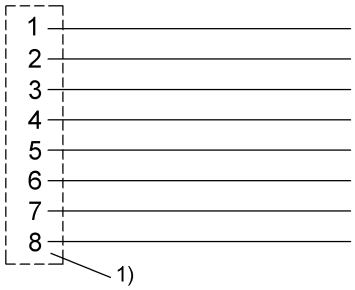
Cable construction acc. to UL-AWM Style 20549
Halogen-free per DIN VDE 0472 Part 815
Silicone-free
Flame resistance per UL FT2
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.
360° shield through knurled ring

Connector Drawings



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

Wiring Diagrams



1) Shield on cover nut