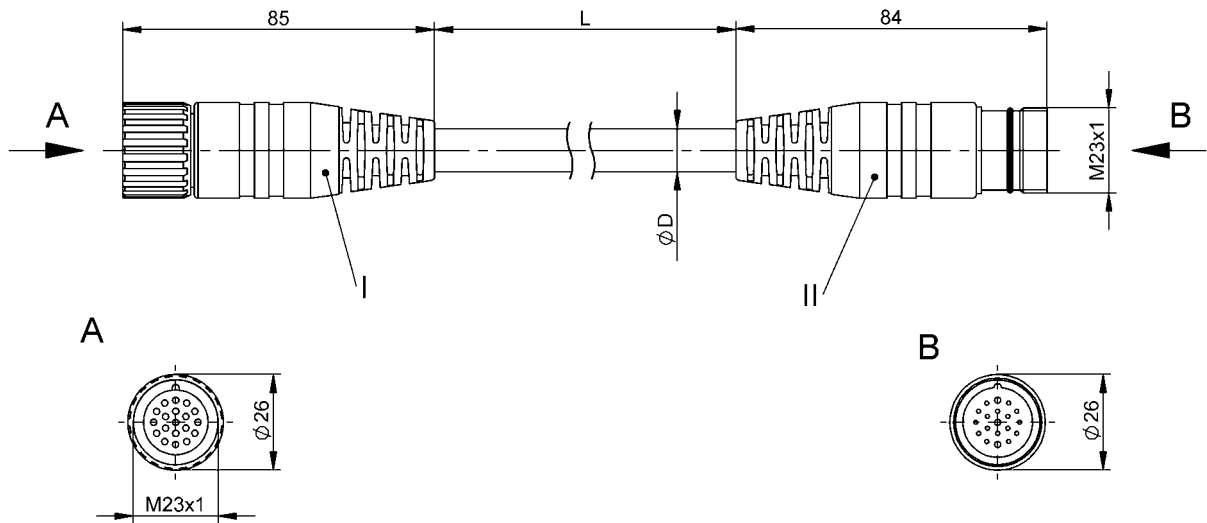


Double-Ended Cordsets

BCC M61L-M61L-30-350-PX0LP4-050

Order Code: BCC0E5H

BALLUFF



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, 5 m, drag chain compatible
Cable diameter D	11.60 mm -0.30 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.50 mm ² + 1.0 mm ²
Connection 1	M23x1-Female, straight, 19-pin
Connection 2	M23x1-Male, straight, 19-pin
Number of conductors	19
System	Molded/Molded

Electrical data

Operating voltage U _b	150 VDC / 150 VAC
Rated current 0.5 mm ² (40 °C)	4.0 A
Rated current 1.0 mm ² (40 °C)	8.0 A

Remarks

Cable construction acc. to UL-AWM Style 21198
Halogen-free acc. to IEC 60754-1
Silicone-free
Flame-retarding acc. to IEC 60332-2
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Environmental conditions

Cable temperature, fixed routing	-50...80 °C
Cable temperature, flexible routing	-25...80 °C
IP rating	IP67/IP67

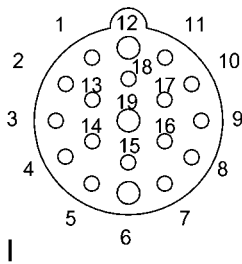
Material

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

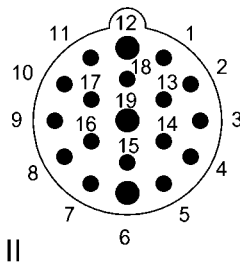
Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	black
Cable length L	5.00 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Connector Drawings



PIN 6: 1.0 mm²
PIN12: 1.0 mm²
PIN 19: 1.0 mm²



PIN 6: 1.0 mm²
PIN12: 1.0 mm²
PIN 19: 1.0 mm²

Wiring Diagrams

1	_____	1
2	_____	2
3	_____	3
4	_____	4
5	_____	5
6	_____	6
7	_____	7
8	_____	8
9	_____	9
10	_____	10
11	_____	11
12	_____	12
13	_____	13
14	_____	14
15	_____	15
16	_____	16
17	_____	17
18	_____	18
19	_____	19