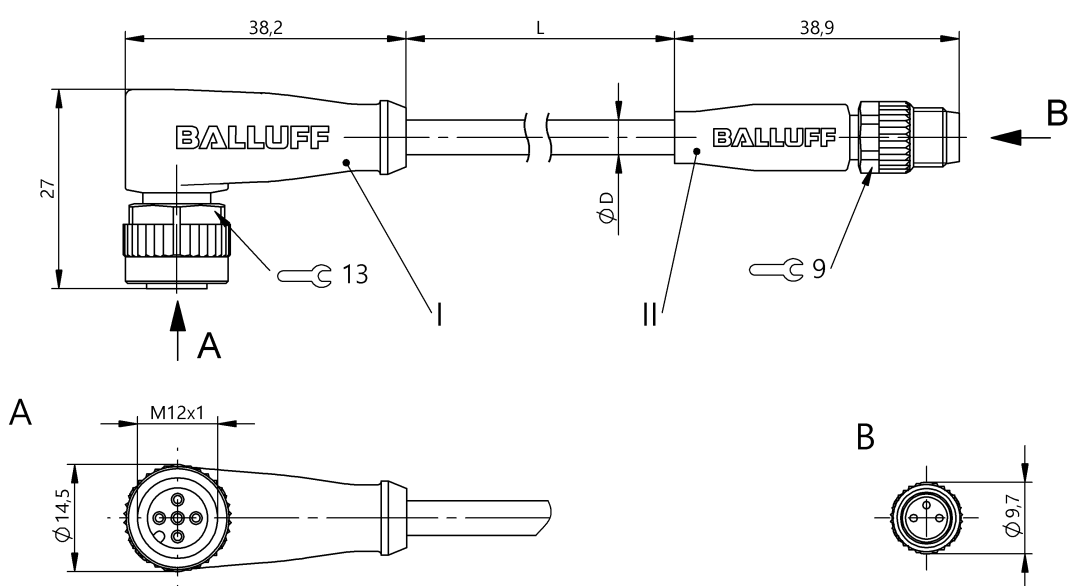


Double-Ended Cordsets
BCC M425-M313-3F-602-VX8334-003
Order Code: BCC03PY

BALLUFF



Display/Operation

Function indicator (Pin 4)	LED yellow
Power indicator	LED green/no

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	PVC gray, 0.3 m, Drag chain compatible
Cable diameter D	4.50 mm ±0.15 mm
Cable, bending cycles min.	2 million
Conductor cross-section	0.34 mm ²
Connection 1	M12x1-Female, angled, 5-pole, A-coded
Connection 2	M8x1-Male, straight, 3-pole, A-coded
Number of conductors	3
System	Molded/Molded

Electrical data

Operating voltage U _b	30 VDC
Rated current (40 °C)	4.0 A

Environmental conditions

Cable temperature UL max., fixed routing	80 °C
Cable temperature UL max., flexible routing	80 °C
Cable temperature, drag chain	-5...60 °C
Cable temperature, fixed routing	-40...105 °C
Cable temperature, flexible routing	5...105 °C
IP rating	IP67, IP68, IP69K/IP67, IP69K

General data

Approval/Conformity	CE cULus EAC WEEE
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Material

Cable jacket, material	PVC
Material contact carrier	PUR/PUR
Material contacts	Bronze/Brass
Material cover nut	Die-cast zinc/Die-cast zinc or nickel plated brass
Material grip	PUR/PUR

Double-Ended Cordsets

BCC M425-M313-3F-602-VX8334-003

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Mechanical data

Acceleration max., drag chain	5 m/s ²
Cable jacket, color	gray
Cable length L	0.30 m
Cable properties	Drag chain compatible
Horizontal travel permitted, drag chain	5 m

Tightening torque pigtail	0.6 Nm/0.4 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

Output/Interface

Switching output	PNP normally open (NO)
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Remarks

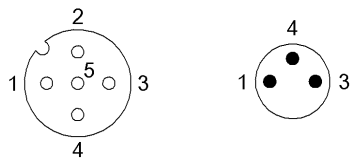
Cable construction acc. to UL-AWM Style 2517

Silicone-free

Flame resistance per IEC 60332-1-2

Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



I

PIN 1: brown

PIN 2: n.c.

PIN 3: blue

PIN 4: black

PIN 5: n.c.

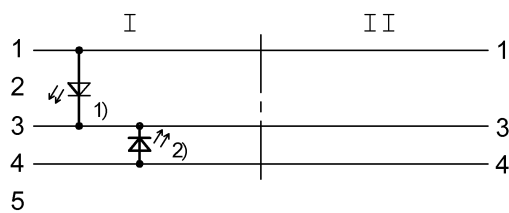
II

PIN 1: brown

PIN 3: blue

PIN 4: black

Wiring Diagrams



1) Green LED = Power

2) Yellow LED = Function