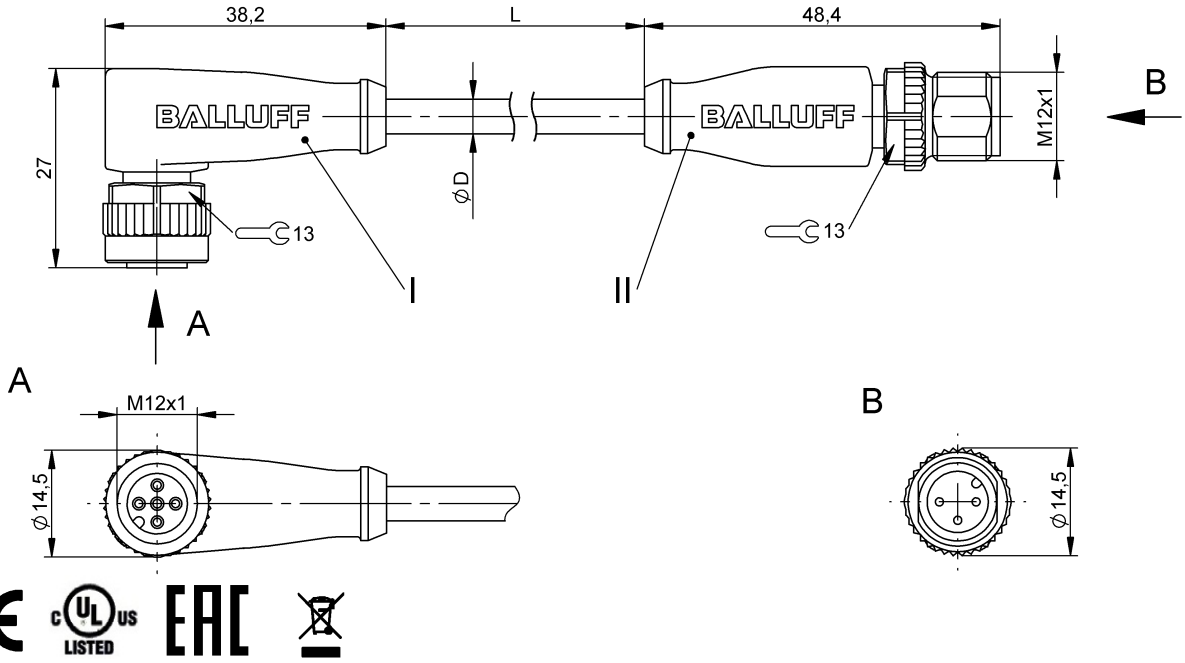
Double-Ended Cordsets

BCC M425-M413-3A-602-VX8334-006
Order Code: BCC0398



Basic features

Approval/Conformity	CE cULus EAC WEEE

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, 0.6 m, drag chain compatible
Cable diameter D	4.50 mm ±0.15 mm
Cable, bending cycles min.	2 mil.
Conductor cross-section	0.34 mm²
Connection 1	M12x1-Female, angled, 5-pin, A-coded
Connection 2	M12x1-Male, Straight, 3-pin, A-coded
Number of conductors	3
System	Molded/Molded

Electrical data

Operating voltage Ub	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, IP68, IP69K

Interface

Switching output	PNP normally open (NO)

Material

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

Mechanical data

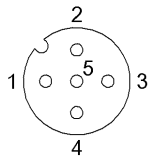
Acceleration max., drag chain	5 m/s²
Cable jacket, color	gray
Cable length L	0.60 m
Cable properties	drag chain compatible
Horizontal travel permitted, drag chain	5 m
Tightening torque pigtail	0.6 Nm/0.6 Nm
Traverse speed max., drag chain	200 m/min
Vertical travel permitted, drag chain	2 m

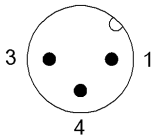
BCC M425-M413-3A-602-VX8334-006
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Remarks

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.

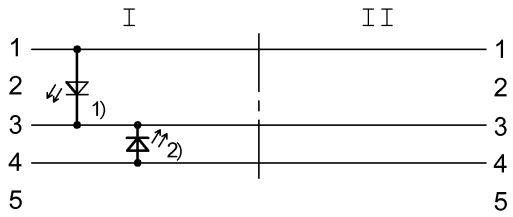
Connector Drawings





I	II
PIN 1: brown	PIN 1: brown
PIN 2: n.c.	PIN 3: blue
PIN 3: blue	PIN 4: black
PIN 4: black	
PIN 5: n.c.	

Wiring Diagrams



1) Green LED = Power
2) Yellow LED = Function