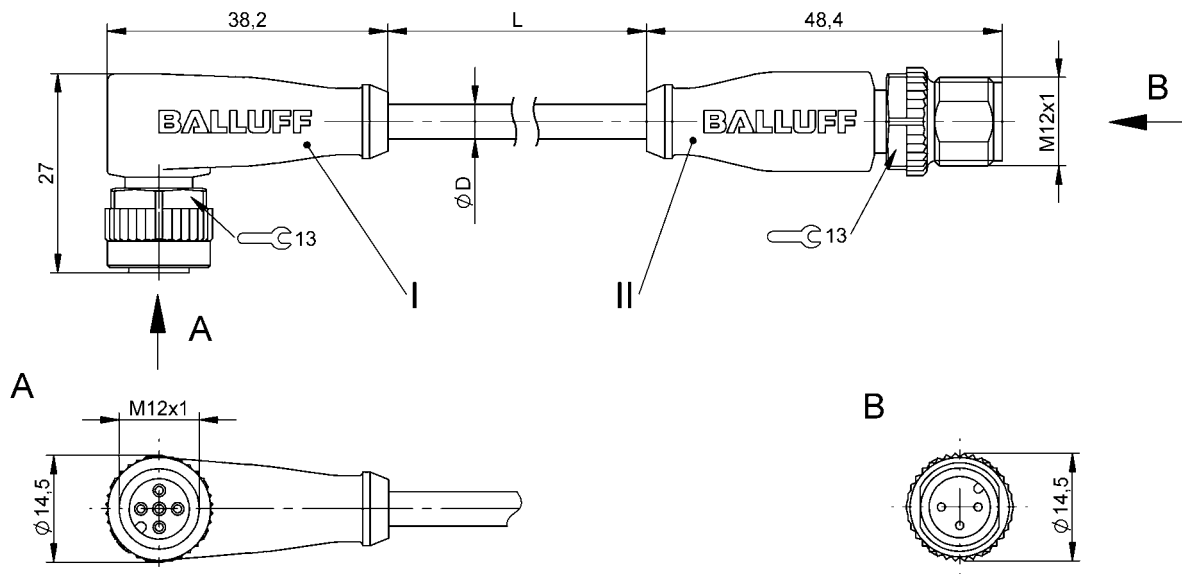


Double-Ended Cordsets
BCC M425-M413-3A-603-VX43T2-010
Order Code: BCC060K

BALLUFF



Display/Operation

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

Electrical connection

Cable	PVC Yellow, 1 m
Cable diameter D	4.70 mm $\pm$ 0.13 mm
Conductor cross-section	22 AWG
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

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Operating voltage U_b	30 VDC
Rated current (40 °C)	4.0 A

Remarks

Bulk cable approval per UL-AWM Style 2661 & CSA AWM I/II A/B
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Environmental conditions

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	NPN normally open (NO)
------------------	------------------------

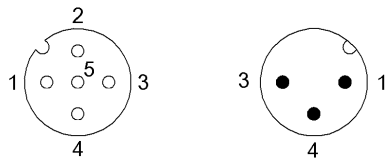
Material

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

Cable jacket, color	Yellow
Cable length L	1.00 m
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 at 5 m/s ²

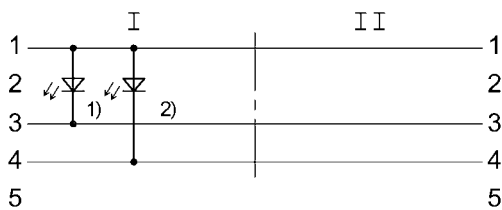
Connector Drawings



I
 PIN 1: brown
 PIN 2: not used
 PIN 3: blue
 PIN 4: black
 PIN 5: not used

II
 PIN 1: brown
 PIN 3: blue
 PIN 4: black

Wiring Diagrams



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