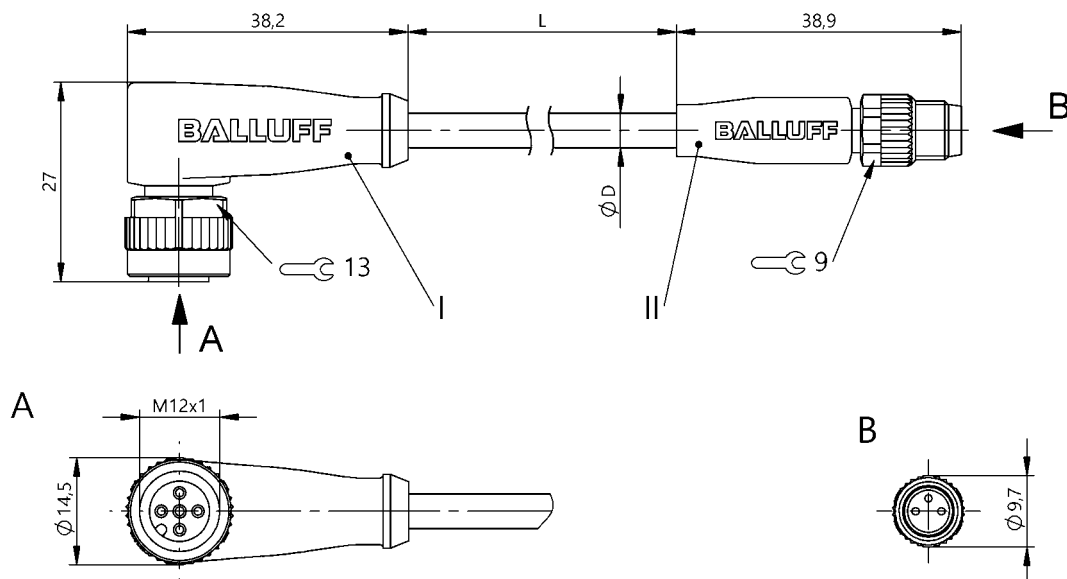


Double-Ended Cordsets
BCC M425-M313-3F-603-EX43T2-010
 Order Code: BCC05Y4

BALLUFF



Basic features

Approval/Conformity	CE cULus WEEE
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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	TPE Yellow, 1 m, drag chain compatible
Cable diameter D	5.30 mm ±0.13 mm
Cable, bending cycles min.	10 mil.
Conductor cross-section	22 AWG
Connection 1	M12x1-Female, angled, 5-pin, A-coded
Connection 2	M8x1-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

Environmental conditions

Cable temperature, fixed routing	-50...105 °C
Cable temperature, flexible routing	-25...105 °C
IP rating	IP67, IP68, IP69K/IP67, IP69K

Interface

Switching output	NPN normally open (NO)
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Material

Cable jacket, material	TPE
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

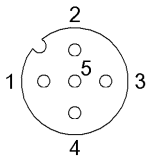
Mechanical data

Cable jacket, color	Yellow
Cable length L	1.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm/0.4 Nm

Remarks

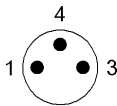
Cable construction acc. to UL-AWM Style 20327
Flame resistance acc. to IEC 332-2
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



I

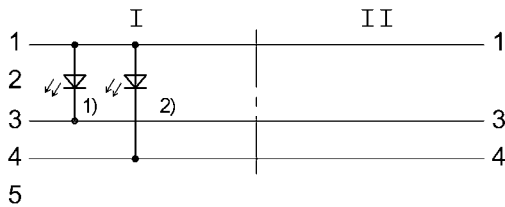
PIN 1: brown
PIN 2: not used
PIN 3: blue
PIN 4: black
PIN 5: not used



II

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

Wiring Diagrams



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