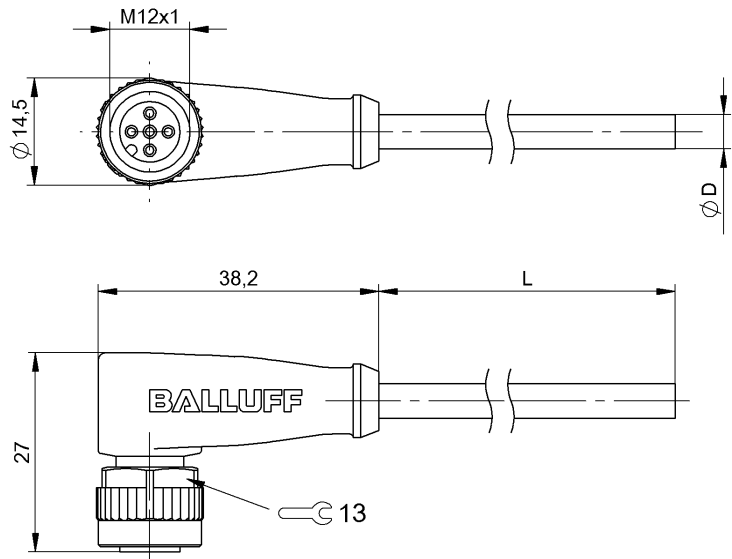


Single-Ended Cordsets

BCC M425-0000-1A-008-EX44T2-050

Order Code: BCC05W0

BALLUFF



Basic features

Approval/Conformity	CE cULus WEEE
---------------------	---------------------

Display/Operation

Function indicator (Pin 4)	LED yellow
Power indicator	Green LED

Electrical connection

Bending radius min., fixed cable	5 x D
Bending radius min., flexible cable	10 x D
Cable	TPE Yellow, 5 m, drag chain compatible
Cable diameter D	5.30 mm $\pm$ 0.13 mm
Cable, bending cycles min.	10 mil.
Conductor cross-section	22 AWG
Connection	M12x1-Female, angled, 5-pin, A-coded
Connector configuration	right-angle
Number of conductors	4
Number of pins	5
System	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

Interface

Switching output	PNP NO/NC antivalent
------------------	----------------------

Material

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

Mechanical data

Cable jacket, color	Yellow
Cable length L	5.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm

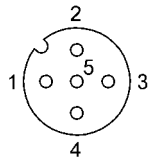
Remarks

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



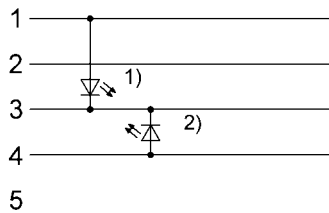
PIN 1: brown

PIN 2: white

PIN 3: blue

PIN 4: black

Wiring Diagrams



1) Green LED = Power

2) Yellow LED = Function