

Single-Ended Cordsets
BCC M425-0000-1A-007-EX43T2-100
Order Code: BCC05UR



Basic features

Approval/Conformity	CE cULus WEEE
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Display/Operation

Function indicator (Pin 2)	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, 10 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	3
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	NPN normally closed (NC)
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Material

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

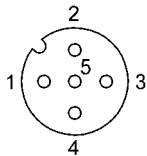
Mechanical data

Cable jacket, color	Yellow
Cable length L	10.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm

Remarks

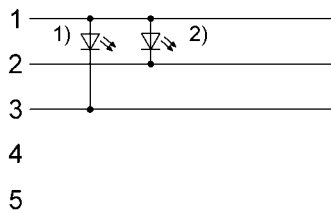
Cable construction acc. to UL-AWM Style 20327
Flame resistance acc. to IEC 332-2
Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



PIN 1: brown
PIN 2: black
PIN 3: blue

Wiring Diagrams



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