

Basic features

Approval/Conformity	CE EAC WEEE
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Display/Operation

Function indicator (Pin 2)	LED yellow
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 diameter D	5.30 mm ±0.13 mm
Cable, bending cycles min.	10 million
Conductor cross-section	22 AWG
Connection 1	M12x1-Male, straight, 4-pin, A-coded
Connection 2	M12x1-Female, straight, 5-pin, A-coded
Connection 3	M12x1-Female, straight, 5-pin, A-coded
Connector 01, version	Straight
Connector 02, version	Straight
Connector 03, version	Straight
Number of conductors	3/3
Number of pins	4/5/5
System	Molded/Molded/Molded

Electrical data

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 V
Operating voltage U_b	30 VDC / 30 VAC
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, IP68, IP69K

Material

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

Mechanical data

Cable jacket, color	Yellow
Cable length L	2.00 m
Cable properties	Drag chain compatible
Tightening torque pigtail	0.6 Nm/0.6 Nm/0.6 Nm

Output/Interface

Switching output	PNP normally open (NO)
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Y-Splitters

BCC M414-M415-M415-U2011-020

Order Code: BCC0ALJ

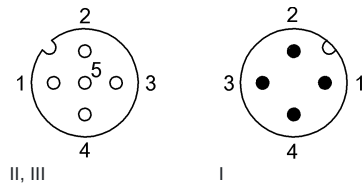
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Remarks

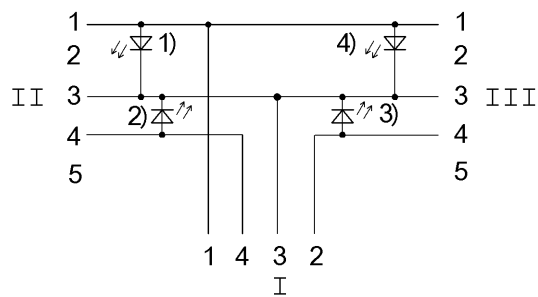
Cable construction acc. to UL-AWM Style 20327

Flame resistance IEC 332-2

Connector Drawings



Wiring Diagrams



- 1) A Power LED
- 2) A Signal LED
- 3) B Power LED
- 4) B Signal LED