



Illuminated pushbutton actuator, classic, flat, tasté, 1 N/O, blue, 24 V AC/DC, cable (black) with m12a plug, 4 pole, 0.2 m

EATON
Powering Business Worldwide™

Part no. **C22-DL-B-K10-24-P1**
Catalog No. **185553**

Delivery program

Product range		RMQ compact solution
Basic function		Illuminated pushbutton actuators
Single unit/Complete unit		Complete unit
Design		Flat
Connection type		momentary
Cable Length	m	Cable (black) with M12A plug, 4 pole
Colour		0.2
LED		
LED		Blue
Button plate		Blue
button plate		
Button plate		Blank
Rated operational voltage LED		24 V AC/DC
Name		None
Degree of Protection		IP66, IP67, IP69K (front) IP65 (on rear)
Front ring		Bezel: titanium
Connection to SmartWire-DT		no
Contacts		1 N/O
N/O = Normally open		
Contact sequence		
Contact travel = Contact closed = Contact open		
Contact diagram		
	0	3.15
		5.5

Technical data

General

Standards			IEC/EN 60947-5-1 VDE 0660
Certifications			CE, UL, CSA
Lifespan, mechanical	Operations	$\times 10^6$	> 5
Operating frequency	Operations/h		≤ 3600
Actuating force	n		≤ 5
Plug tightening torque	N/m		1
Tightening torque Threaded ring	Nm		2
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66, IP67, IP69K (front) IP65 (on rear)
Mounting position			As required
Mechanical shock resistance, shock duration 11 ms	g		> 30

Contacts

Rated impulse withstand voltage	U_{imp}	V AC	800
Rated insulation voltage	U_i	V	30
Oversupply category/pollution degree			III/3
Control circuit reliability			
At 17 V DC/7 mA	H_F		N/O: 1 failure per 17×10^6 switching operations, statistically determined
Max. short-circuit protective device			
Fuse	gG/gL	A	4
Rated conditional short-circuit current	I_q	kA	1

Switching capacity

Rated operational current	I_e	A	
AC-15			
24 V	I_e	A	4
DC-13			
24 V	I_e	A	3
Cable characteristics			
Design			M12A
Cable Length		m	0.2
Material characteristic			PUR
Diameter	Ø	mm	4.7

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

Technical data ETIM 6.0

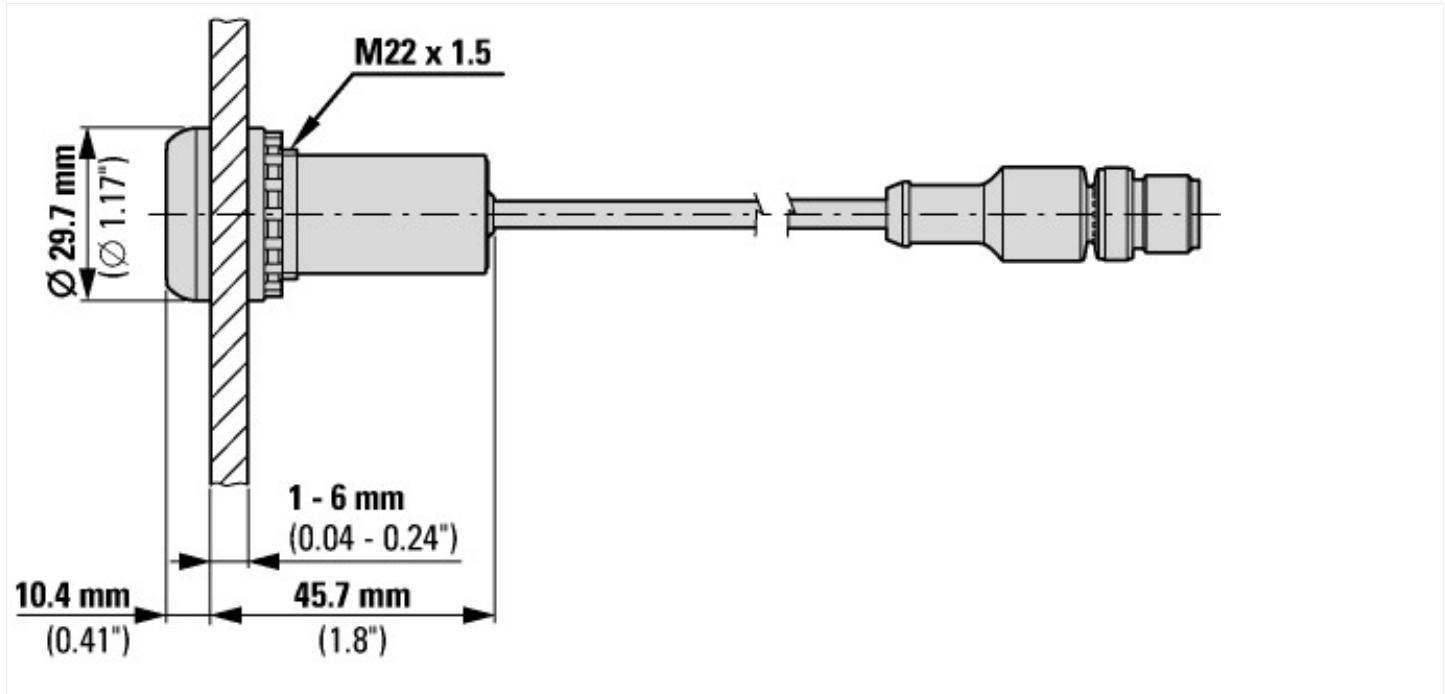
Low-voltage industrial components (EG000017) / Push button, complete (EC001028)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Push-button actuator, complete unit (ecl@ss8.1-27-37-12-28 [AKF046011])

Number of command positions			1
Colour button			Blue
Construction type lens			Round
Hole diameter	mm		22
Width opening	mm		0
Height meter opening	mm		0
Degree of protection (IP)			Other
Type of button			Flat
Suitable for illumination			Yes
Switching function latching			No
Spring-return			Yes

Supply voltage lamp	V	24
Number of contacts as normally open contact		1
Number of contacts as normally closed contact		0
Number of contacts as change-over contact		0
Type of electric connection		Other
With front ring		Yes
Material front ring		Plastic
Colour front ring		Grey

Dimensions



Assets (Links)

Declaration of Conformity

00002596

Additional product information (links)

IL047016ZU RMQ compact solution

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ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047016ZU2017_01.pdf