



Illuminated pushbutton actuator, Flat, momentary, 1 N/O, Cable (black) with M12A plug, 4 pole, 1 m, LED Blue, Blue, Blank, 24 V AC/DC, Bezel: titanium

Part no. C22-DL-B-K10-24-P5
Catalog No. 181298

Delivery program

Product range		RMQ compact solution
Basic function		Illuminated pushbutton actuators
Single unit/Complete unit		Complete unit
Design		Flat momentary
Connection type		Cable (black) with M12A plug, 4 pole
Cable Length	m	1
Colour		
LED		
LED		Blue
Button plate		
button plate		Blue
Button plate		
		Blank
Rated operational voltage LED		24 V AC/DC
Name		None
Degree of Protection		IP66, IP67, IP69 (front) IP65 (on rear)
Front ring		Bezel: titanium
Connection to SmartWire-DT		no
Contacts		
N/O = Normally open		1 N/O
Contact sequence		
Contact travel = Contact closed = Contact open		
Contact diagram		

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, IP69 (front) IP65 (on rear)
Ambient temperature			
Open		°C	-30 - +70
Storage		°C	-30 - +80
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
Overvoltage 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	1
Material characteristic			PUR
Diameter	\varnothing	mm	4.7

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-30
Operating ambient temperature max.		°C	70

Technical data ETIM 7.0

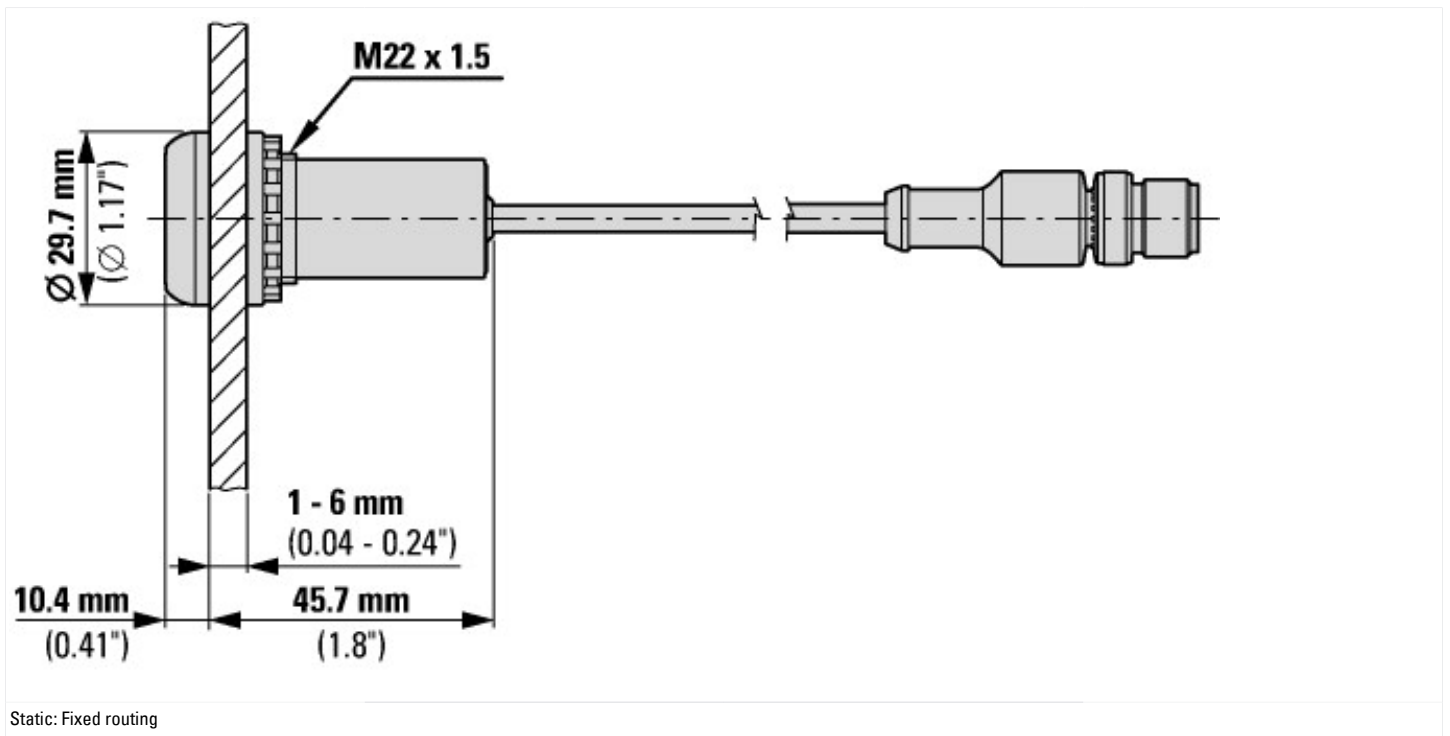
Low-voltage industrial components (EG000017) / Push button, complete (EC001028)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Push-button actuator, complete unit (ecl@ss10.0.1-27-37-12-28 [AKF046014])			
Number of command positions			1
Type of button			Flat
Colour button			Blue
Construction type lens			Round
Hole diameter		mm	22.5
Width opening		mm	0
Height opening		mm	0
Suitable for illumination			Yes

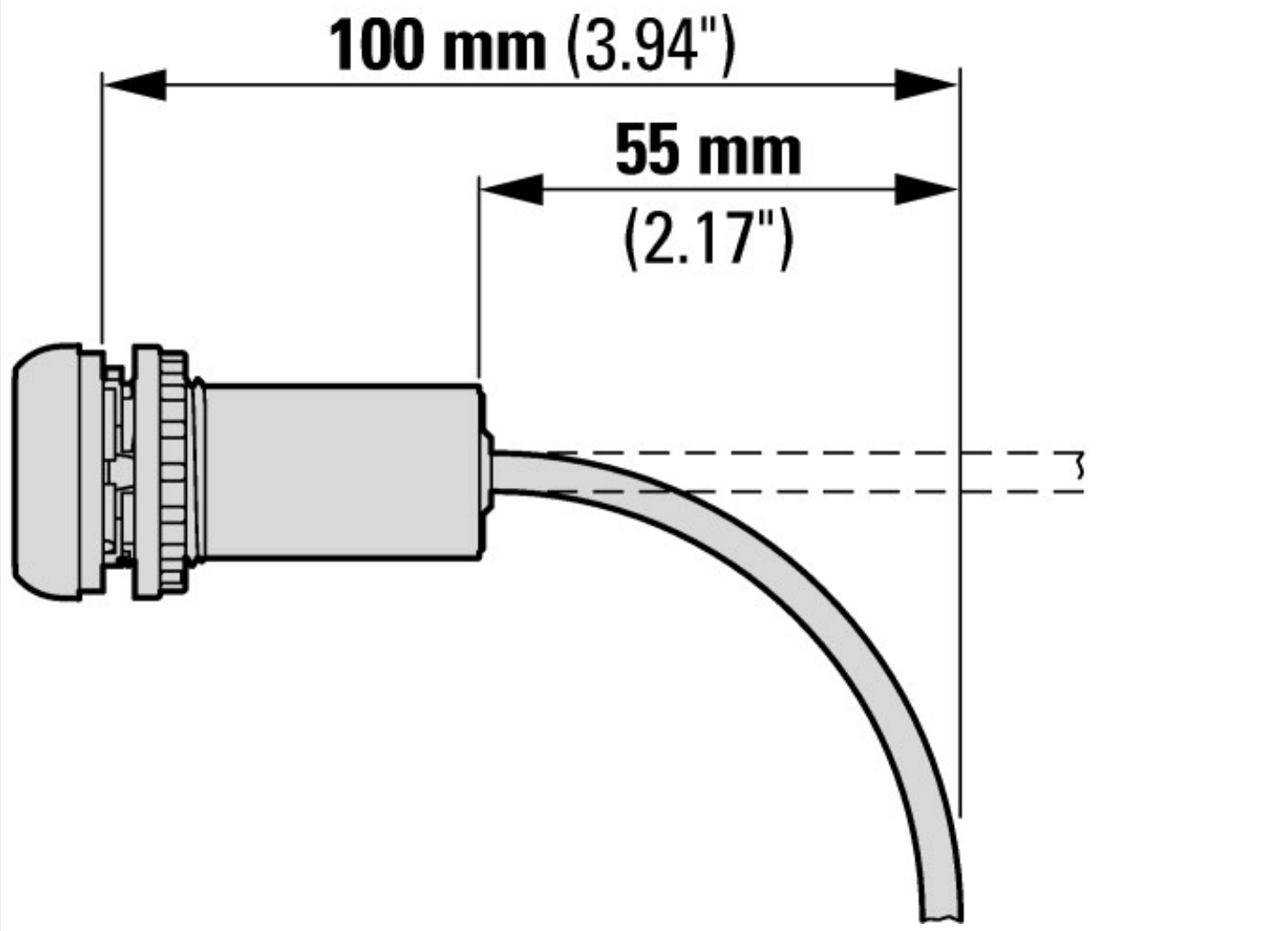
Switching function latching		No
Spring-return		Yes
Supply voltage lamp	V	24
Number of contacts as normally open contact		1
Number of contacts as normally closed contact		0
Number of contacts as change-over contact		0
Type of electric connection		Other
With front ring		Yes
Material front ring		Plastic
Colour front ring		Grey
Degree of protection (IP)		Other
Degree of protection (NEMA)		Other

Approvals

Product Standards		IEC/EN 60947-5-1; UL 508; CAN/CSA-C22.2 No. 14-18 and No. 94.2-15; CE marking
UL File No.		E29184
UL Category Control No.		NKCR
CSA File No.		165628
CSA Class No.		321103
North America Certification		UL listed, CSA certified
Degree of Protection		2, 12

Dimensions





Flexible use

Additional product information (links)

IL047016ZU RMQ compact solution

IL047016ZU RMQ compact solution	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047016ZU2018_06.pdf
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