

Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L

82-6657.1124



<https://eao.com/p/82-6657.1124>

Your product:



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Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L

FRONT

Front form:	round
Front bezel material:	Stainless steel 316L
Front dimension:	Ø 25 mm
Front bezel shape:	flush

MOUNTING

Mounting type:	Panel mounting
Mounting cut-out:	Ø 22 mm

OPERATING-/INDICATION PART

Lens material:	Stainless steel 316L
Shape of illumination:	Ring (Tritan)
Lens optics:	opaque
Lens colour:	Silver
Lens shape:	flush
Illumination colour:	Blue
Lens illumination:	illuminative

ELECTRICAL CHARACTERISTICS

Rated Operational Voltage Ue:	250 VAC
Electrical lifetime:	50 000 cycles of operation
Thermal current Ith:	5 A

Pollution degree:	2, according to EN IEC 60947-1
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated insulation voltage Ui:	250 V
Switching rating:	35 V AC/DC @ 0,6 A
Operating voltage:	24 V DC (LED)

MECHANICAL CHARACTERISTIC

Operating Travel:	ca. 3 mm
Mechanical lifetime:	1 Mio. cycles of operation
Switching action:	Momentary
Switching system:	Snap-action switching element
Tightening torque:	0.5 ... 0.6 Nm
Operating force:	4 N ... 7 N
Terminal:	Connector M12 (5 pins)
Weight:	0.043 kg

AMBIENT CONDITION

Storage temperature:	– 40 °C ... + 80 °C
IP front protection:	IP65, IP67
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Operating temperature:	– 30 °C ... + 70 °C
Shock resistance:	Max. 500 m / s ² as per IEC 60068-2-27
Climate resistance:	Damp heat, 21 days according to IEC 60512-11

CERTIFICATE

RoHS:	RoHS compliant
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
REACH:	REACH compliant

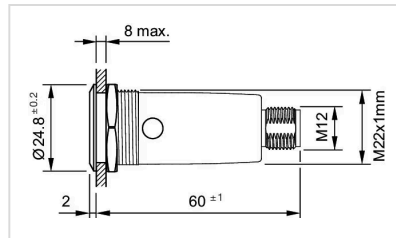
OTHER

Short Description:	Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, Momentary, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Connector M12 (5 pins), round, Stainless steel 316L, Blue, Silver
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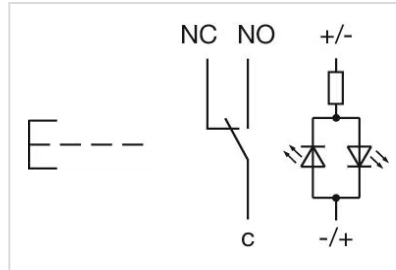
Kind of illumination:

Single-LED

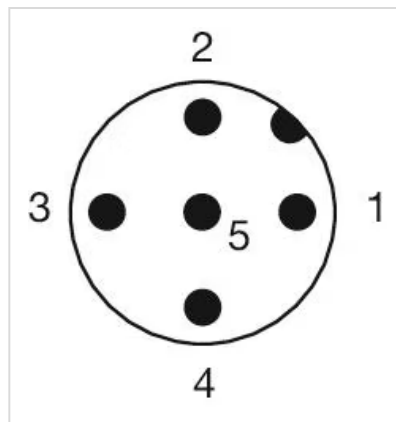
Dimension drawings:



Wiring diagrams:



Component layouts:



- 1 = Shield
- 2 = Red (AWG22)
- 3 = Black (AWG22)
- 4 = White (AWG24)
- 5 = Blue (AWG24)

Mounting cut-outs:

