

# 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 bezel shape:	flush

#### MOUNTING

Mounting cut-out:	Ø 22 mm
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#### 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 $U_e$ :	250 VAC
Electrical lifetime:	50 000 cycles of operation
Thermal current $I_{th}$ :	5 A
Pollution degree:	2, according to EN IEC 60947-1
Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

<b>Rated insulation voltage Ui:</b>	250 V
<b>Operating voltage:</b>	24 V DC (LED)

## MECHANICAL CHARACTERISTIC

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

## AMBIENT CONDITION

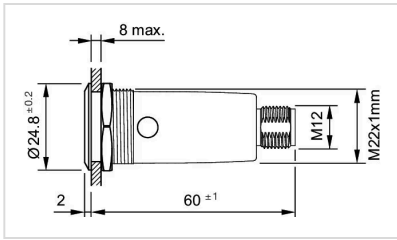
<b>Storage temperature:</b>	– 40 °C ... + 80 °C
<b>IP front protection:</b>	IP65, IP67
<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27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

## CERTIFICATE

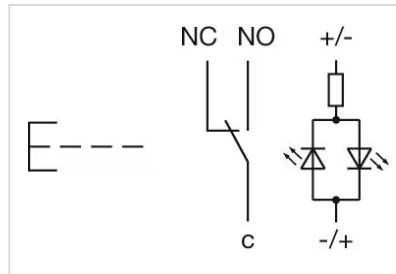
<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
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## OTHER

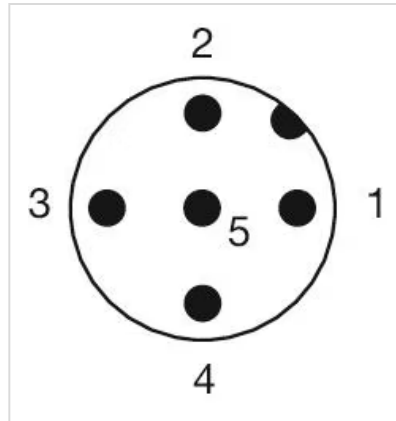
<b>Short Description:</b>	Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, Momentary, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Connector M12 (5 pins), round, Stainless steel 316L, Blue, Silver
<b>Kind of illumination:</b>	Single-LED
<b>Dimension drawings:</b>	



#### Wiring diagrams:



#### Component layouts:



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

#### Mounting cut-outs:

