

# Push button, connector M12, Ø 22 mm, stainless steel 316L

82-6657.1000



<https://www.eao.com/component/82-6657.1000/en...>

Your product:



82-6657.1000  
Push button, connector M12, Ø 22 mm,  
stainless steel 316L

**FRONT**

Front dimension:	Ø 25 mm
Front form:	Round
Front bezel material:	Stainless steel 316L
Front bezel shape:	Flush

**MOUNTING**

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

**OPERATING-/INDICATION PART**

Lens colour:	Silver
Lens material:	Stainless steel 316L
Lens illumination:	Non illuminated
Lens shape:	Flush
Lens optics:	opaque

**ELECTRICAL CHARACTERISTICS**

Switching voltage and switching current:	according to UL 508 (Silver contacts)	
	cosφ 0,75 ... 0,8	
	Voltage	Current
	120 VAC	5 A
	240 VAC	3 A
	24 VAC	1 A

according to IEC 60947-5-1 (Silver contacts)

Service categorie AC-15

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Switch rating DC service categorie DC-13 (Silver contacts)

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Current

0.7 A

0.5 A (M12 version)

0.2 A

0.1 A

<b>Rated Operational Voltage Ue:</b>	250 VAC
<b>Rated insulation voltage Ui:</b>	250 V
<b>Switching rating:</b>	35 V AC/DC @ 0,6 A
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Thermal current Ith:</b>	5 A

## MECHANICAL CHARACTERISTICS

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

## AMBIENT CONDITION

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

## CERTIFICATE

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

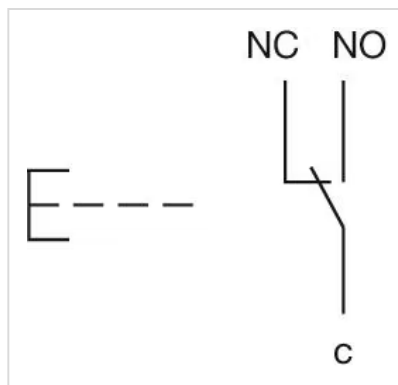
**REACH:** REACH compliant

**RoHS:** RoHS compliant

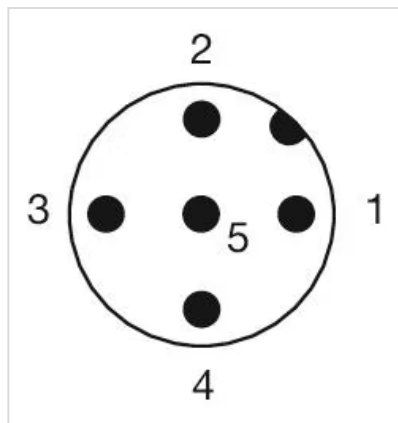
## OTHER

**Short Description:** Push button, connector M12, Ø 22 mm, stainless steel 316L, Momentary, 35 V AC/DC @ 0,6 A, Connector M12 (5 pins), Round, Stainless steel 316L, Silver

### Wiring diagrams:

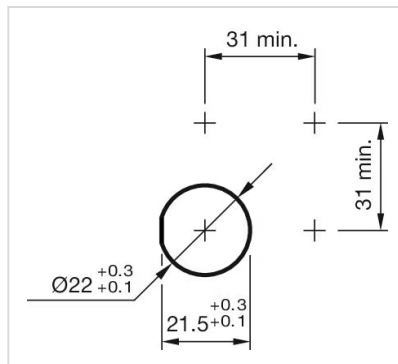


### Component layouts:



1 = NC  
2 = LED+  
3 = Common  
4 = LED-  
5 = NO  
A-Coded

### Mounting cut-outs:



**Dimension drawings:**

