

Illuminated push button, connector M12, Ø 22 mm, stainless steel 316L

82-6657.2154



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Your product:

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Illuminated push button, connector M12,  
Ø 22 mm, stainless steel 316L

#### FRONT

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

#### MOUNTING

<b>Mounting cut-out:</b>	Ø 22 mm
<b>Mounting type:</b>	Panel mounting

#### OPERATING-/INDICATION PART

<b>Lens colour:</b>	Silver
<b>Lens material:</b>	Stainless steel 316L
<b>Lens illumination:</b>	Illuminated
<b>Lens shape:</b>	Flush
<b>Lens optics:</b>	opaque
<b>Illumination colour:</b>	White
<b>Shape of illumination:</b>	Ring (Tritan)

#### ELECTRICAL CHARACTERISTICS

**Switching voltage and switching current:** according to UL 508 (Silver contacts)  
 $\cos\phi$  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	Current
24 VAC	1 A
35 VAC	1 A (M12 version)
110 VAC	1 A
220 VAC	0.5 A
Switch rating DC service categorie DC-13 (Silver contacts)	
Voltage	Current
24 VDC	0.7 A
35 VDC	0.5 A (M12 version)
110 VDC	0.2 A
220 VDC	0.1 A

**Operating voltage:** 24 V DC (LED)

**Rated Operational Voltage Ue:** 250 VAC

**Rated insulation voltage Ui:** 250 V

**Switching rating:** 35 V AC/DC @ 0,6 A

**Electrical lifetime:** 50 000 cycles of operation

**Electric strength:** 1500 VAC, 50 Hz 1 minute between live terminals and ground

**Pollution degree:** 2, according to EN IEC 60947-1

**Thermal current Ith:** 5 A

## MECHANICAL CHARACTERISTICS

**Terminal:** Connector M12 (5 pins)

**Switching action:** Maintained

**Switching system:** Snap-action switching element

**Mechanical lifetime:** 500 000 cycles of operation

**Operating force:** 4 N ... 7 N

**Operating Travel:** ca. 3 mm

**Tightening torque:** 0.5 ... 0.6 Nm

**Weight:** 0.043 kg

## AMBIENT CONDITION

**IP front protection:** IP65, IP67

**Operating temperature:** - 30 °C ... + 70 °C

**Storage temperature:** - 40 °C ... + 80 °C

**Shock resistance:** Max. 500 m / s<sup>2</sup> as per IEC 60068-2-27

**Vibration resistance:** 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

## Climate resistance:

Damp heat, 21 days according to IEC 60512-11

## **CERTIFICATE**

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

**REACH:** REACH compliant

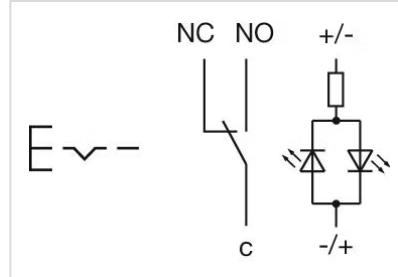
**RoHS:** RoHS compliant

## OTHER

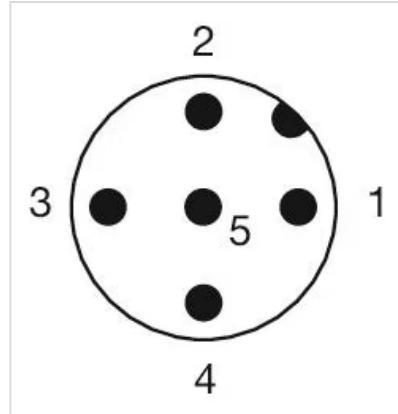
**Short Description:** Illuminated push button, connector M12, Ø 22 mm, stainless steel 316L, Maintained, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Connector M12 (5 pins), Round, Stainless steel 316L, White, Silver

**Kind of illumination:** Single-LED

## Wiring diagrams:



## Component layouts:



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

### Mounting cut-outs:



**Dimension drawings:**

