

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

82-6657.1134



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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

#### MOUNTING

**Mounting cut-out:** Ø 22 mm

#### OPERATING-/INDICATION PART

**Lens illumination:** illuminative

**Lens colour:** Silver

**Shape of illumination:** Ring (Tritan)

**Lens shape:** flush

**Lens material:** Stainless steel 316L

**Illumination colour:** Green

**Lens optics:** opaque

#### ELECTRICAL CHARACTERISTICS

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

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

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

**Rated insulation voltage Ui:** 250 V

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

**Rated Operational Voltage Ue:** 250 VAC

**Thermal current  $I_{th}$ :** 5 A

### MECHANICAL CHARACTERISTIC

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

### AMBIENT CONDITION

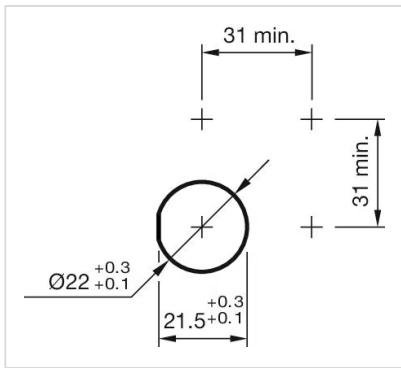
<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>IP front protection:</b>	IP65, IP67
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
<b>Climate resistance:</b>	Damp heat, 21 days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

### CERTIFICATE

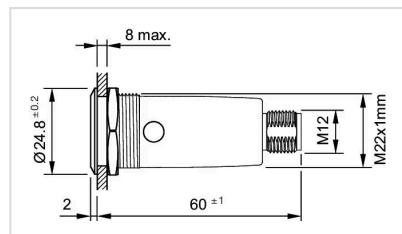
**Conformities:** CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

### OTHER

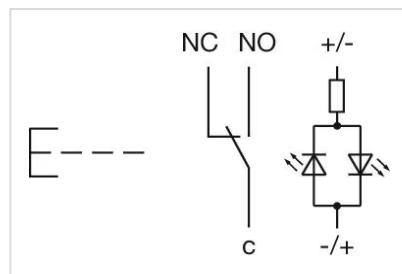
<b>Short Description:</b>	Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, Momentary, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Connector M12 (5 pins), round, Stainless steel 316L, Green, Silver
<b>Kind of illumination:</b>	Single-LED
<b>Mounting cut-outs:</b>	



**Dimension drawings:**



**Wiring diagrams:**



**Component layouts:**

