

## Illuminated pushbutton, connector M12, Ø<sub>Distribution by</sub> mm, stainless steel 316L





82-6657.1154







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#### **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: Illuminated

Lens shape: Flush

**Lens optics:** opaque

Illumination colour: White

Shape of illumination: Ring (Tritan)

#### **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 Current 24 VAC 1 A

35 VAC 1 A (M12 version) 1 A 110 VAC

220 VAC

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

Voltage 24 VDC 35 VDC

Current 0.7 A

0.5 A (M12 version)

0.5 A

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

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

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

**Electric strength:** 1500 VAC, 50 Hz 1 minute between life 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: Momentary

Switching system: Snap-action switching element

Mechanical lifetime: 1 Mil. cycles of operation

4 N ... 7 N Operating force:

**Operating Travel:** ca. 3 mm

Tightening torque: 0.5 ... 0.6 Nm

Weight: 0.043 kg

#### **AMBIENT CONDITION**

IP front protection: IP65, IP67

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

– 40 °C ... + 80 °C Storage temperature:

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

#### **CERTIFICATE**

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

**REACH:** REACH compliant

RoHS: RoHS compliant

#### **OTHER**

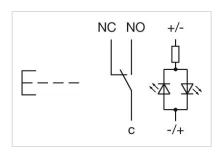
**Short Description:** Illuminated pushbutton, connector M12, Ø 22 mm, stainless steel 316L,

Momentary, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Connector M12 (5 pins), Round,

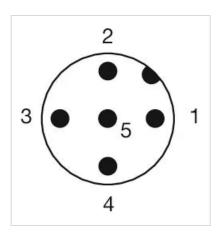
Stainless steel 316L, White, Silver

Kind of illlumination: Single-LED

Wiring diagrams:



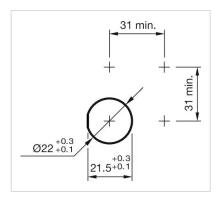
**Component layouts:** 



1 = NC 2 = LED+ 3 = Common 4 = LED-

5 = NO A-Coded

Mounting cut-outs:



### Dimension drawings:

