

# Illuminated pushbutton, connector M12, Ø 22 Distribution by 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

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 life terminals and ground

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

Thermal current Ith: 5 A

#### **MECHANICAL CHARATERISTIC**

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

Switching action: Momentary

Switching system: Snap-action switching element

Mechanical lifetime: 1 Mil. cycles of operation

Operating force:  $4 \text{ N} \dots 7 \text{ N}$ 

**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:**  $-30 \, ^{\circ}\text{C} \dots + 70 \, ^{\circ}\text{C}$ 

Storage temperature:  $-40 \, ^{\circ}\text{C} \dots + 80 \, ^{\circ}\text{C}$ 

**Shock resistance:** Max.  $500 \text{ m} / \text{s}^2$  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**

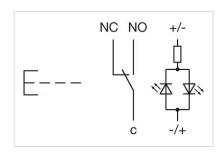
Short Description: Illuminated pushbutton, connector M12, Ø 22 mm, stainless steel 316L,

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

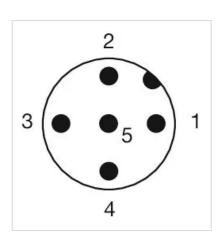
Stainless steel 316L, White, Silver

Kind of illlumination: Single-LED

Wiring diagrams:



### **Component layouts:**



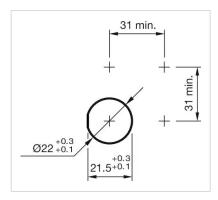
1 = NC 2 = LED+ 3 = Common

4 = LED-

5 = NO

A-Coded

Mounting cut-outs:



# Dimension drawings:

