

Illuminated pushbutton, connector M12, Ø 22 Mouser Mouser mm, stainless steel 316L



82-6657.1124







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Front dimension: Ø 25 mm

Front form: Round

Front bezel material: Stainless steel 316L

Front bezel shape: Flush

MOUNTING

Ø 22 mm Mounting cut-out:

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: Blue

Shape of illumination: Ring (Tritan)

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:

according to UL 508 (Silver contacts)

 $\cos \phi \ 0.75 \ \dots \ 0.8$

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

Voltage 24 VDC

35 VDC 0.5 A (M12 version)

0.7 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

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 CHARACTERISTICS

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 °C ... + 70 °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

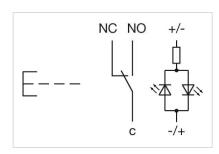
Short Description: Illuminated pushbutton, connector M12, Ø 22 mm, stainless steel 316L,

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

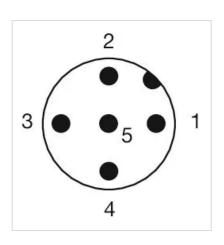
Stainless steel 316L, Blue, Silver

Kind of illlumination: Single-LED

Wiring diagrams:



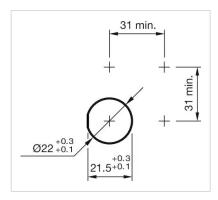
Component layouts:



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

5 = NO A-Coded

Mounting cut-outs:



Dimension drawings:

