

Push button, connector M12, \varnothing 22 mm, stainless steel 316L

Distribution by DigiKey



82-6657.2000







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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: Non illuminated

Lens shape: Flush

Lens optics: opaque

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

0.7 A 0.5 A (M12 version)

110 VDC 0.2 A 220 VDC 0.1 A

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

0.5 A

Current

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

0.5 ... 0.6 Nm Tightening torque:

Weight: 0.043 kg

AMBIENT CONDITION

IP65, IP67 IP front protection:

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

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

Shock resistance: Max. 500 m / s² 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)

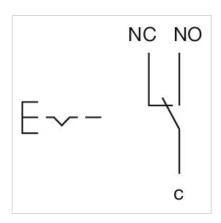
REACH: REACH compliant

RoHS: RoHS compliant

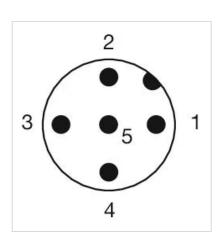
OTHER

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

Wiring diagrams:



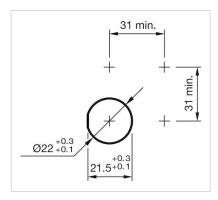
Component layouts:



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

5 = NO A-Coded

Mounting cut-outs:



Dimension drawings:

