Illuminated pushbutton, connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 90°

82-665G.1154





https://www.eao.com/p/82-665G.1154

Your product:



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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) $\cos \varphi$ 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 VĂC 1 A 35 VAC 1 A (M12 version) 110 VAC 1 A 220 VAC 0.5 A Switch rating DC service categorie DC-13 (Silver contacts) Current Voltage 24 VDC 0.7 A 0.5 A (M12 version) 35 VDC 0.2 A 110 VDC 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: | Cable 200 mm, 90°, Connector M12 |
|----------------------|----------------------------------|
| Switching action: | Momentary |
| Switching system: | Snap-action switching element |
| Mechanical lifetime: | 1 Mil. cycles of operation |
| Operating force: | 4 N 7 N |
| Operating Travel: | ca. 3 mm |
| Tightening torque: | 0.5 0.6 Nm |
| Weight: | 0.065 kg |

AMBIENT CONDITION

| IP front protection: | IP65, IP67 |
|------------------------|--|
| Operating temperature: | – 30 °C + 70 °C |
| Storage temperature: | – 40 °C + 80 °C |
| 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 |

CERTIFICATE

| Co | nfo | rmi | iti | es: |
|----|-----|-----|-----|-----|
| | | | | |

CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) REACH compliant RoHS compliant

OTHER

REACH:

RoHS:

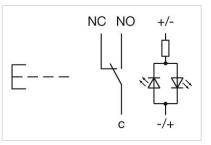
Short Description:

Illuminated pushbutton, connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 90°, Momentary, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Cable 200 mm, 90°, Connector M12, Round, Stainless steel 316L, White, Silver

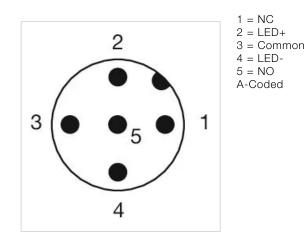
Kind of illlumination:

Wiring diagrams:

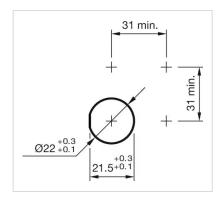




Component layouts:



Mounting cut-outs:



Dimension drawings:

