

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

DigiKey

82-665G.2154

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Your product:



82-665G.2154
Illuminated pushbutton, connector M12,
Ø 22 mm, stainless steel 316L, cable
200 mm, 90°

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

24 VAC

35 VAC

110 VAC

220 VAC

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

Voltage

24 VDC

35 VDC

110 VDC

220 VDC

Current

1 A

1 A (M12 version)

1 A

0.5 A

Current

0.7 A

0.5 A (M12 version)

0.2 A

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: | 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 |
| 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 / 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 |

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:

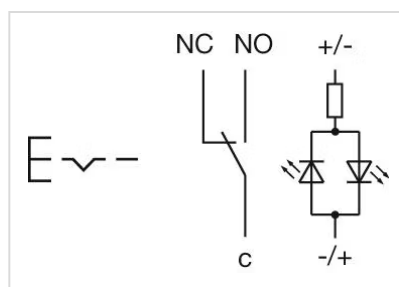
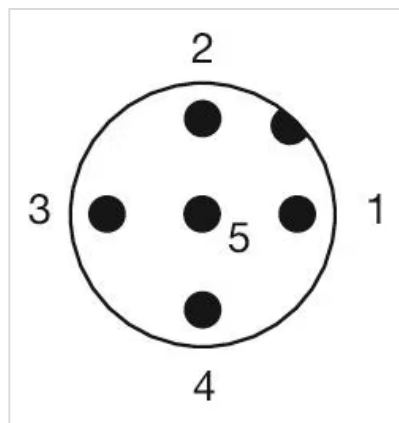
RoHS compliant

OTHER**Short Description:**

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

Single-LED

Wiring diagrams:**Component layouts:**

1 = NC
2 = LED+
3 = Common
4 = LED-
5 = NO
A-Coded

Mounting cut-outs:



Dimension drawings:

