

Illuminated push button, connector M12,  $\varnothing 22$  mm, stainless steel 316L

Distribution by  
Farnell



82-6657.1134



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Your product:

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Illuminated push button, connector M12,  
Ø 22 mm, stainless steel 316L

*Loading ...*

#### FRONT

|                              |                      |
|------------------------------|----------------------|
| <b>Front dimension:</b>      | Ø 25 mm              |
| <b>Front form:</b>           | Round                |
| <b>Front bezel material:</b> | Stainless steel 316L |
| <b>Front bezel shape:</b>    | Flush                |

#### MOUNTING

|                          |                |
|--------------------------|----------------|
| <b>Mounting cut-out:</b> | Ø 22 mm        |
| <b>Mounting type:</b>    | Panel mounting |

#### OPERATING-/INDICATION PART

|                               |                      |
|-------------------------------|----------------------|
| <b>Lens colour:</b>           | Silver               |
| <b>Lens material:</b>         | Stainless steel 316L |
| <b>Lens illumination:</b>     | Illuminated          |
| <b>Lens shape:</b>            | Flush                |
| <b>Lens optics:</b>           | opaque               |
| <b>Illumination colour:</b>   | Green                |
| <b>Shape of illumination:</b> | Ring (Tritan)        |

#### ELECTRICAL CHARACTERISTICS

|   |  |         |
|---|--|---------|
| <b>Switching voltage and switching current:</b> | according to UL 508 (Silver contacts)<br>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

|  |  |
|--|--|
| <b>Operating voltage:</b>                          | 24 V DC (LED)  |
| <b>Rated Operational Voltage <math>U_e</math>:</b> | 250 VAC  |
| <b>Rated insulation voltage <math>U_i</math>:</b>  | 250 V  |
| <b>Short circuit protective device:</b>            | fuse / 500 V / 5 A / gG                                    |
| <b>Rated short-circuit current caused:</b>         | AC: 1 kA<br>DC: 1 kA                                       |
| <b>Switching rating:</b>                           | 35 V AC/DC @ 0,6 A   |
| <b>Electrical lifetime:</b>                        | 50 000 cycles of operation                                 |
| <b>Electric strength:</b>                          | 1500 VAC, 50 Hz 1 minute between life terminals and ground |
| <b>Pollution degree:</b>                           | 2, according to EN IEC 60947-1                             |
| <b>Thermal current <math>I_{th}</math>:</b>        | 5 A  |

## MECHANICAL CHARACTERISTICS

|                             |                               |
|-----------------------------|-------------------------------|
| <b>Terminal:</b>            | Connector M12 (5 pins)        |
| <b>Switching action:</b>    | Momentary                     |
| <b>Switching system:</b>    | Snap-action switching element |
| <b>Mechanical lifetime:</b> | 1 Mil. cycles of operation    |
| <b>Operating force:</b>     | 4 N ... 7 N                   |
| <b>Operating Travel:</b>    | ca. 3 mm                      |
| <b>Tightening torque:</b>   | 0.5 ... 0.6 Nm                |
| <b>Weight:</b>              | 0.043 kg                      |

## AMBIENT CONDITION

|                               |                     |
|-------------------------------|---------------------|
| <b>IP front protection:</b>   | IP65, IP67          |
| <b>Operating temperature:</b> | - 30 °C ... + 70 °C |
| <b>Storage temperature:</b>   | - 40 °C ... + 80 °C |

**Shock resistance:**

Max. 500 m / s<sup>2</sup> 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 push button, 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, Green, Silver

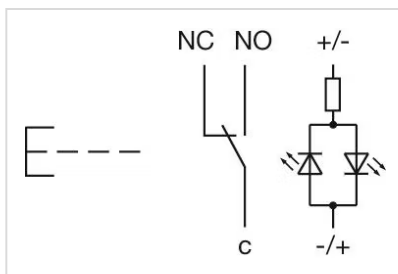
**Kind of illumination:**

Single-LED

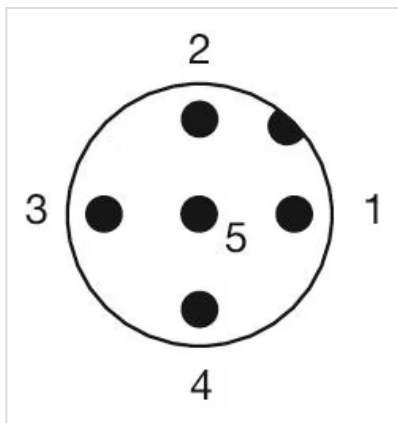
**Housing size:**

19 mm

**Wiring diagrams:**



**Component layouts:**



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

**Mounting cut-outs:**



**Dimension drawings:**

