

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

82-665G.2134



<https://www.eao.com/p/82-665G.2134>

Your product:

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

#### 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>Operating voltage:</b>            | 24 V DC (LED) |
| <b>Rated Operational Voltage Ue:</b> | 250 VAC       |
| <b>Rated insulation voltage Ui:</b>  | 250 V         |

|                                        |                                                            |
|----------------------------------------|------------------------------------------------------------|
| <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 I<sub>th</sub>:</b> | 5 A                                                        |

### MECHANICAL CHARACTERISTIC

|                             |                                  |
|-----------------------------|----------------------------------|
| <b>Terminal:</b>            | Cable 200 mm, 90°, Connector M12 |
| <b>Switching action:</b>    | Maintained                       |
| <b>Switching system:</b>    | Snap-action switching element    |
| <b>Mechanical lifetime:</b> | 500 000 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>              | 0.046 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                                            |
| <b>Shock resistance:</b>      | Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27              |
| <b>Vibration resistance:</b>  | 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6 |
| <b>Climate resistance:</b>    | Damp heat, 21 days according to IEC 60512-11                   |

### CERTIFICATE

|                      |                                                 |
|----------------------|-------------------------------------------------|
| <b>Conformities:</b> | CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) |
| <b>REACH:</b>        | REACH compliant                                 |
| <b>RoHS:</b>         | RoHS compliant                                  |

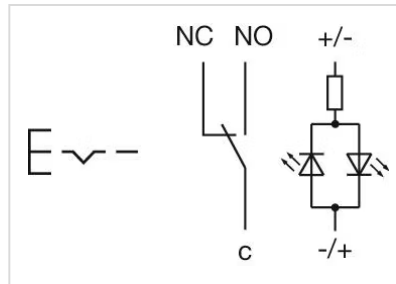
### OTHER

|                           |                                                                                                                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Short Description:</b> | 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, Green, Silver |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

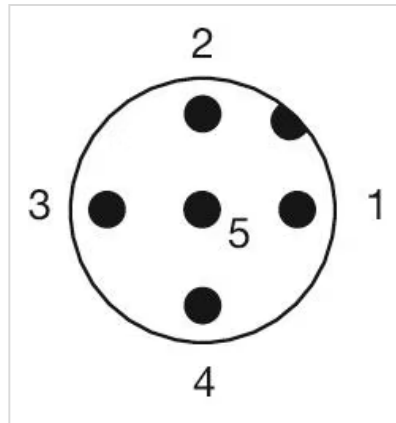
**Kind of illumination:**

Single-LED

**Wiring diagrams:**

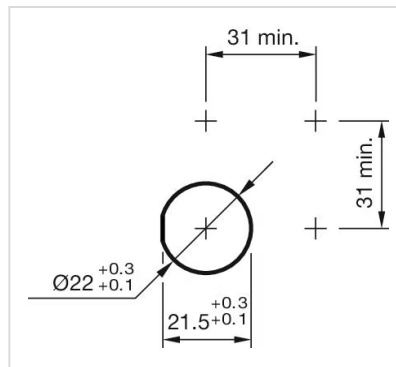


**Component layouts:**



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

**Mounting cut-outs:**



**Dimension drawings:**

