Your Expert Partner for **Human Machine Interfaces**

# Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 180°

Distribution by DigiKey

82-665A.1000



https://digikey.eao.com/p/82-665A.1000

Your product:



# 82-665A.1000
# Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 180°

## FRONT

| | |
|---|---|
| **Front bezel material:** | Stainless steel 316L |
| **Front form:** | round |

## MOUNTING

| | |
|---|---|
| **Mounting cut-out:** | Ø 22 mm |

## OPERATING-/INDICATION PART

| | |
|---|---|
| **Lens colour:** | Silver |
| **Lens optics:** | opaque |
| **Lens shape:** | flush |
| **Lens material:** | Stainless steel 316L |
| **Lens illumination:** | non illuminative |

## ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| **Rated Operational Voltage Ue:** | 250 VAC |
| **Pollution degree:** | 2, according to EN IEC 60947-1 |
| **Electric strength:** | 1500 VAC, 50 Hz 1 minute between life terminals and ground |
| **Rated insulation voltage Ui:** | 250 V |
| **Thermal current Ith:** | 5 A |
| **Electrical lifetime:** | 50 000 cycles of operation |

## MECHANICAL CHARATERISTIC

| | |
|---|---|
| **Operating force:** | 4 N ... 7 N |
| **Switching action:** | Momentary |
| **Mechanical lifetime:** | 1 Mio. cycles of operation |
| **Terminal:** | Cable 200 mm, 180°, Conntector M12 |
| **Operating Travel:** | ca. 3 mm |
| **Switching system:** | Snap-action switching element |
| **Weight:** | 0.043 kg |
| **Tightening torque:** | 0.5 ... 0.6 Nm |

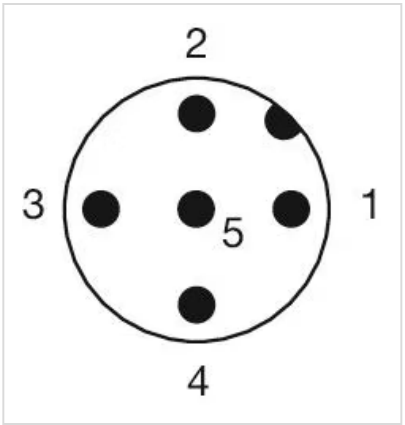
## AMBIENT CONDITION

| | |
|---|---|
| **Shock resistance:** | Max. 500 m / $s^2$ as per IEC 60068-2-27 |
| **IP front protection:** | IP65, IP67 |
| **Storage temperature:** | – 40 °C ... + 80 °C |
| **Operating temperature:** | – 30 °C ... + 70 °C |
| **Climate resistance:** | Damp heat, 21 days according to IEC 60512-11 |
| **Vibration resistance:** | 10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6 |

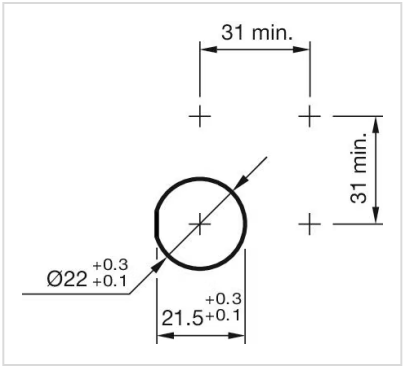
## CERTIFICATE

| | |
|---|---|
| **Conformities:** | CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) |

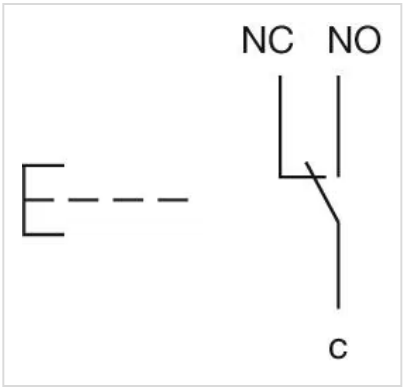
## OTHER

| | |
|---|---|
| **Short Description:** | Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 180°, Momentary, 35 V AC/DC @ 0,6 A, Cable 200 mm, 180°, Conntector M12, round, Stainless steel 316L, Silver |
| **Component layouts:** |  |

**Mounting cut-outs:**




**Wiring diagrams:**




**Dimension drawings:**

