# Illuminated push button, Ø 22 mm, stainless steel 316L, cable 200 mm, 90°

82-665C.2124

https://farnell.eao.com/component/82-665C.212...

Your product:

## 82-665C.2124
## Illuminated push button, 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:** | Blue |
| **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 | Current |
| --- | --- |
| 24 VAC | 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)

| Voltage | Current |
| --- | --- |
| 24 VDC | 0.7 A |
| 35 VDC | 0.5 A (M12 version) |
| 110 VDC | 0.2 A |
| 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°

**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:**                          0.04 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 |

## <span style="color:red">CERTIFICATE</span>

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

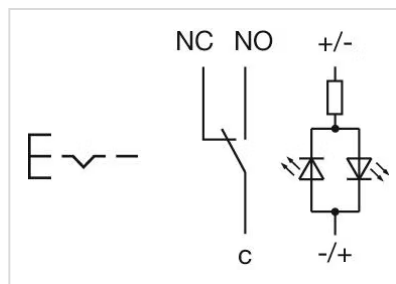## <span style="color:red">OTHER</span>
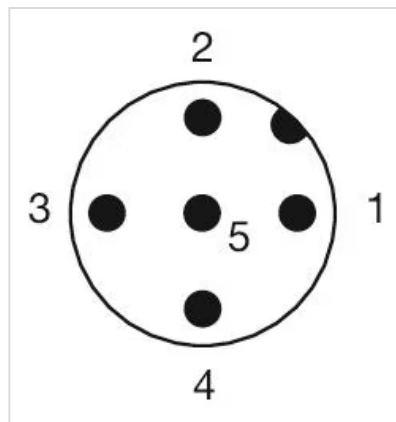
| **Short Description:** | Illuminated push button, Ø 22 mm, stainless steel 316L, cable 200 mm, 90°, Maintained, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Cable 200 mm, 90°, Round, Stainless steel 316L, Blue, Silver |
| **Kind of illlumination:** | Single-LED |
| **Hints:** | Cable with certification ECE-R118 |

**Wiring diagrams:**



**Component layouts:**



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

**Mounting cut-outs:**

**Dimension drawings:**