

Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 90°

82-665G.2124



<https://eao.com/p/82-665G.2124>

Your product:



82-665G.2124

Pushbutton, illuminated pushbutton with 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: | illuminative |
| Lens shape: | flush |
| Lens optics: | opaque |
| Illumination colour: | Blue |
| Shape of illumination: | Ring (Tritan) |

ELECTRICAL CHARACTERISTICS

| | |
|-------------------------------|---------------|
| 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 CHARACTERISTIC

| | |
|-----------------------------|----------------------------------|
| 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: | 0.046 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 |

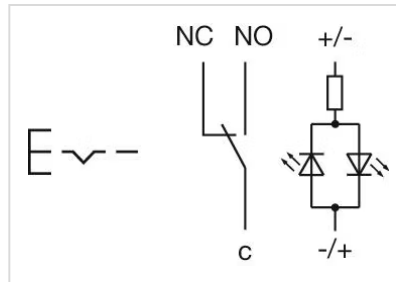
OTHER

| | |
|---------------------------|---|
| Short Description: | Pushbutton, illuminated pushbutton with 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, Blue, Silver |
|---------------------------|---|

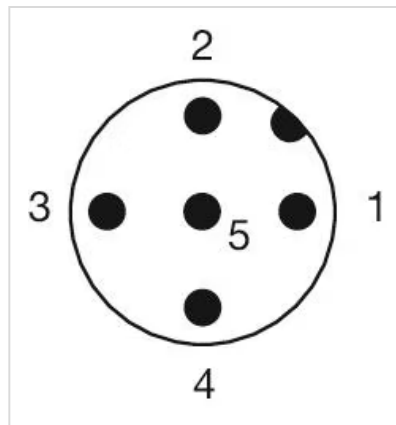
Kind of illumination:

Single-LED

Wiring diagrams:

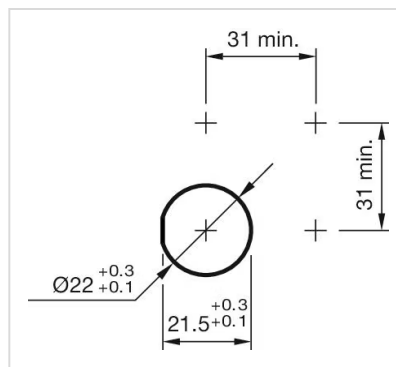


Component layouts:

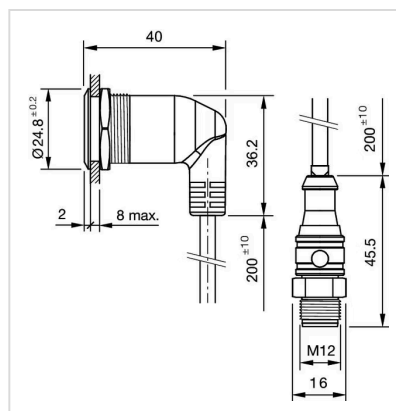


- 1 = Shield
- 2 = Red (AWG22)
- 3 = Black (AWG22)
- 4 = White (AWG24)
- 5 = Blue (AWG24)











Mounting cut-outs:



Dimension drawings:



Where to Buy

| Distributor | | Quantity in Stock | | |
|---|---------------------|-------------------|-----|---|
|  | Mouser Electronics | 5 in stock | Buy |  |
|  | DigiKey | 5 in stock | Buy |  |
|  | RS UK | 5 in stock | Buy |  |
|  | Farnell UK | 5 in stock | Buy |  |
|  | element14 Singapore | 5 in stock | Buy |  |

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