

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

82-665G.1000



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Your product:

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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:	non illuminative
Lens shape:	flush
Lens optics:	opaque

#### ELECTRICAL CHARACTERISTICS

Rated Operational Voltage $U_e$ :	250 VAC
Rated insulation voltage $U_i$ :	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

<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>	Momentary
<b>Switching system:</b>	Snap-action switching element
<b>Mechanical lifetime:</b>	1 Mio. 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

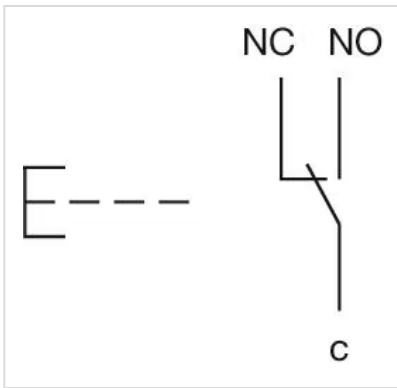
<b>IP front protection:</b>	IP65, IP67
<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<b>Storage temperature:</b>	– 40 °C ... + 80 °C
<b>Shock resistance:</b>	Max. 500 m / s <sup>2</sup> as per IEC 60068-2-27
<b>Vibration resistance:</b>	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6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

## CERTIFICATE

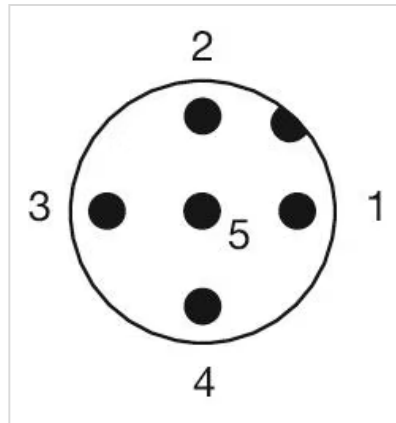
<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
<b>REACH:</b>	REACH compliant
<b>RoHS:</b>	RoHS compliant

## OTHER

<b>Short Description:</b>	Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 90°, Momentary, 35 V AC/DC @ 0,6 A, Cable 200 mm, 90°, Connector M12, round, Stainless steel 316L, Silver
<b>Wiring diagrams:</b>	

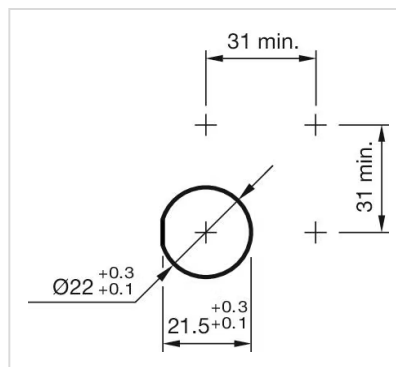


**Component layouts:**

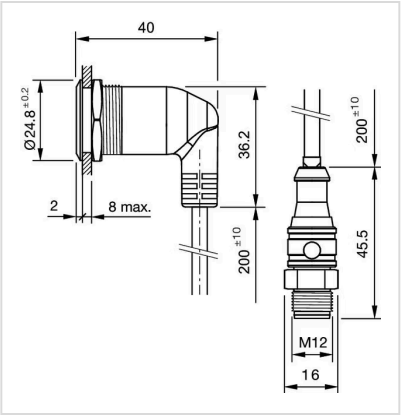


- 1 = Shield
- 2 = Red (AWG22)
- 3 = Black (AWG22)
- 4 = White (AWG24)
- 5 = Blue (AWG24)











**Mounting cut-outs:**



**Dimension drawings:**



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