

Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L

82-6657.1134



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Your product:

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Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L

#### 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:	Green
Shape of illumination:	Ring (Tritan)

#### ELECTRICAL CHARACTERISTICS

Operating voltage:	24 V DC (LED)
Rated Operational Voltage $U_e$ :	250 VAC
Rated insulation voltage $U_i$ :	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 Ith:</b>	5 A

## MECHANICAL CHARACTERISTIC

<b>Terminal:</b>	Connector M12 (5 pins)
<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>	0.043 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

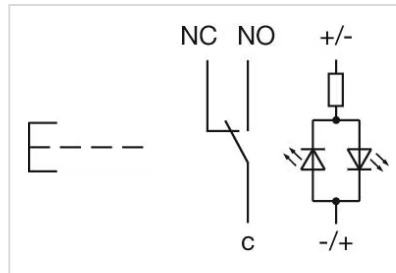
## OTHER

<b>Short Description:</b>	Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, Momentary, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Connector M12 (5 pins), round, Stainless steel 316L, Green, Silver
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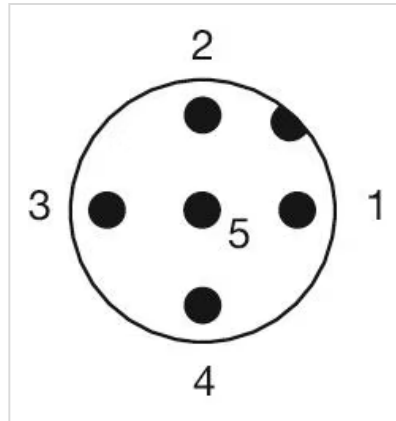
**Kind of illumination:**

Single-LED

**Wiring diagrams:**

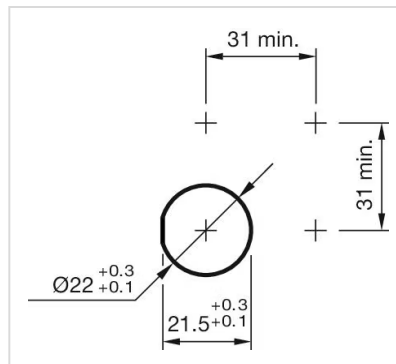


**Component layouts:**

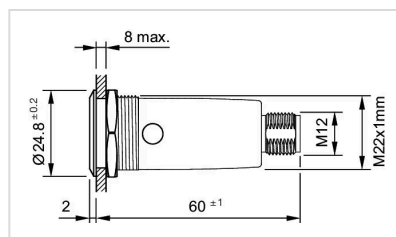


- 1 = Shield
- 2 = Red (AWG22)
- 3 = Black (AWG22)
- 4 = White (AWG24)
- 5 = Blue (AWG24)











**Mounting cut-outs:**



**Dimension drawings:**



## Where to Buy

	Distributor	Quantity in Stock		
	Mouser Electronics	126 in stock	Buy	
	RS UK	27 in stock	Buy	
	RS Americas	23 in stock	Buy	
	Newark	14 in stock	Buy	
	Distrelec	9 in stock	Buy	

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