

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

82-665G.1114



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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:	illuminative
Lens shape:	flush
Lens optics:	opaque
Illumination colour:	Red
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

<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>	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>	0.065 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

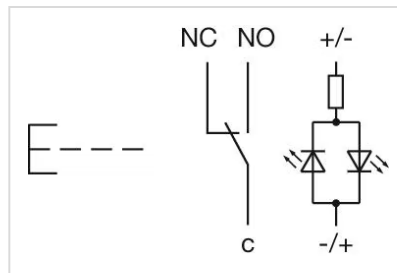
## OTHER

<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, 24 V DC (LED), Cable 200 mm, 90°, Connector M12, round, Stainless steel 316L, Red, Silver
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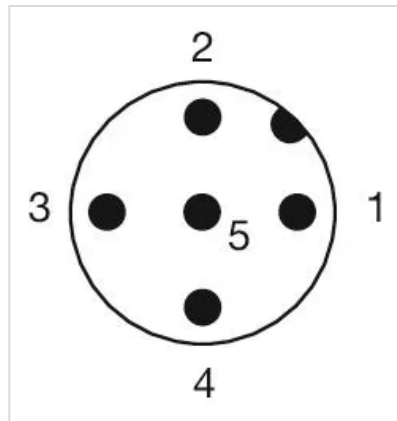
**Kind of illumination:**

Single-LED

**Wiring diagrams:**

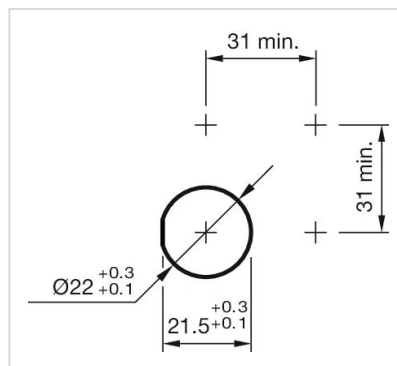


**Component layouts:**

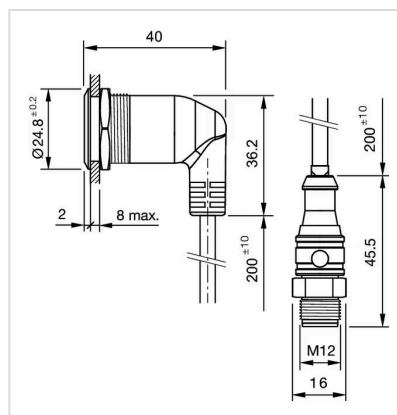


1 = Shield  
2 = Red (AWG22)  
3 = Black (AWG22)  
4 = White (AWG24)  
5 = Blue (AWG24)











**Mounting cut-outs:**



**Dimension drawings:**



## Where to Buy

	Distributor	Quantity in Stock		
	Mouser Electronics	10 in stock	Buy	
	DigiKey	5 in stock	Buy	
	element14 Singapore	4 in stock	Buy	
	Farnell UK	4 in stock	Buy	
	RS UK	4 in stock	Buy	

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