

Illuminated pushbutton, connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 90°

Distribution by
Mouser



82-665G.2114



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Your product:



82-665G.2114
Illuminated pushbutton, 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:	Illuminated
Lens shape:	Flush
Lens optics:	opaque
Illumination colour:	Red
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 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

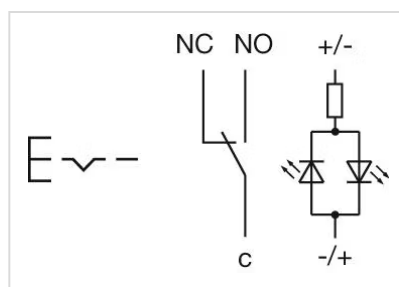
Short Description:

Illuminated pushbutton, 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, Red, Silver

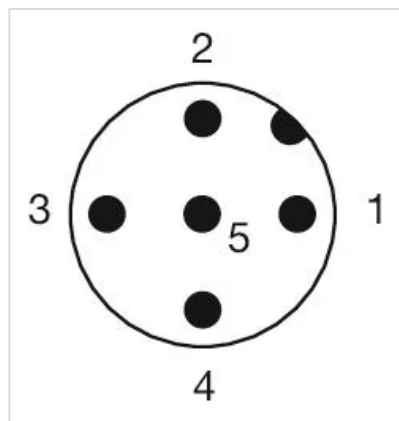
Kind of illumination:

Single-LED

Wiring diagrams:



Component layouts:



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

Mounting cut-outs:



Dimension drawings:

