

Your Expert Partner for Human Machine Interfaces

Illuminated pushbutton, connector M12, Ø 22 mm, stainless steel 316L

82-6657.1114





https://mouser.eao.com/p/82-6657.1114

Your product:



82-6657.1114 Illuminated pushbutton, 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:	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)	
cos φ 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 Current Voltage 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) Current Voltage 24 VDC 0.7 A 0.5 A (M12 version) 35 VDC 110 VDC 0.2 A 220 VDC 0.1 A 24 V DC (LED) **Operating voltage:** 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 CHARATERISTIC

Terminal:	Connector M12 (5 pins)
Switching action:	Momentary
Switching system:	Snap-action switching element
Mechanical lifetime:	1 Mil. cycles of operation
Operating force:	4 N 7 N
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 0.6 Nm
Weight:	0.043 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 / s² as per IEC 60068-2-27
Vibration resistance:	10 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6

CERTIFICATE

Co	nfo	rmi	tie	s:

CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD) REACH compliant RoHS compliant

OTHER

REACH:

RoHS:

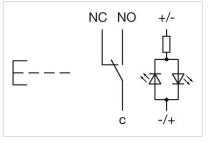
Short Description:

Illuminated pushbutton, 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, Red, Silver

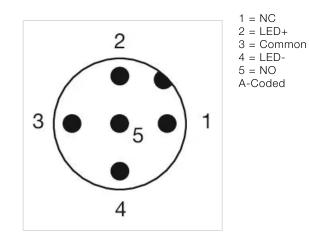
Kind of illlumination:

Wiring diagrams:

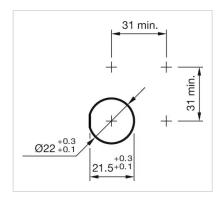




Component layouts:



Mounting cut-outs:



Dimension drawings:

