

Your Expert Partner for Human Machine Interfaces

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

82-6657.1124





https://digikey.eao.com/p/82-6657.1124

# Your product:



82-6657.1124 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:	Blue	
Shape of illumination:	Ring (Tritan)	

#### **ELECTRICAL CHARACTERISTICS**

Switching voltage and switching

current:

according to UL 508 (Silver contacts)	
cos <b>φ</b> 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 c Service categorie AC-15 Voltage 24 VAC 35 VAC 220 VAC Switch rating DC service categorie D Voltage 24 VDC 35 VDC 110 VDC 220 VDC		Current 1 A 1 A (M12 version) 1 A 0.5 A Current 0.7 A 0.5 A (M12 version) 0.2 A 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 CHARACTERISTICS**

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

<u> </u>				
CO	nfo	rm	τι	es:

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

#### **OTHER**

**REACH:** 

**RoHS:** 

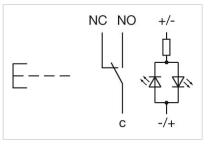
Short Description:

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, Blue, Silver

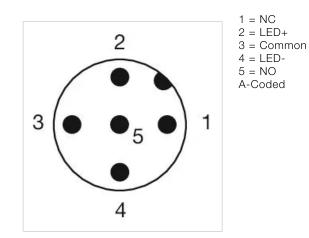
Kind of illlumination:

Wiring diagrams:

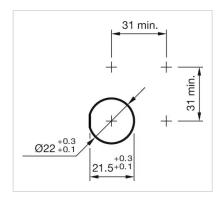




#### **Component layouts:**



Mounting cut-outs:



## Dimension drawings:

