

Pushbutton, illuminated pushbutton with
connector M12, Ø 22 mm, stainless steel
316L, cable 200 mm, 180°

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DigiKey

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82-665A.1124



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Your product:



82-665A.1124

Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 180°

FRONT

Front bezel material:	Stainless steel 316L
Front form:	round

MOUNTING

Mounting cut-out:	Ø 22 mm
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OPERATING-/INDICATION PART

Lens colour:	Silver
Shape of illumination:	Ring (Tritan)
Lens optics:	opaque
Lens material:	Stainless steel 316L
Illumination colour:	Blue
Lens shape:	flush
Lens illumination:	illuminative

ELECTRICAL CHARACTERISTICS

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground
Rated insulation voltage U_i :	250 V
Operating voltage:	24 V DC (LED)
Rated Operational Voltage U_e :	250 VAC
Electrical lifetime:	50 000 cycles of operation
Pollution degree:	2, according to EN IEC 60947-1

Thermal current I_{th}: 5 A

MECHANICAL CHARACTERISTIC

Weight: 0.043 kg

Operating Travel: ca. 3 mm

Switching system: Snap-action switching element

Terminal: Cable 200 mm, 180°, Connector M12

Tightening torque: 0.5 ... 0.6 Nm

Operating force: 4 N ... 7 N

Switching action: Momentary

Mechanical lifetime: 1 Mio. cycles of operation

AMBIENT CONDITION

IP front protection: IP65, IP67

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

Operating temperature: – 30 °C ... + 70 °C

Climate resistance: Damp heat, 21 days according to IEC 60512-11

Storage temperature: – 40 °C ... + 80 °C

CERTIFICATE

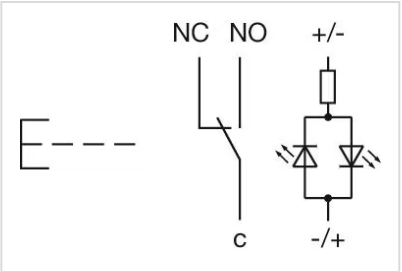
Conformities: CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

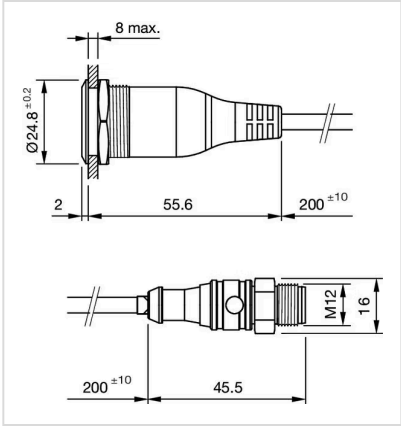
Short Description: Pushbutton, illuminated pushbutton with connector M12, Ø 22 mm, stainless steel 316L, cable 200 mm, 180°, Momentary, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Cable 200 mm, 180°, Connector M12, round, Stainless steel 316L, Blue, Silver

Kind of illumination: Single-LED

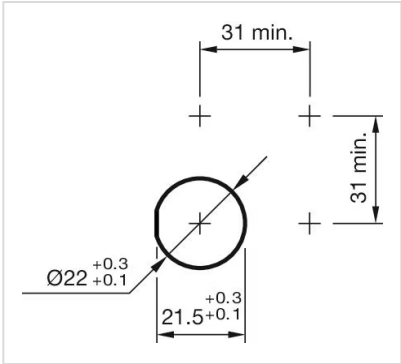
Wiring diagrams:



Dimension drawings:



Mounting cut-outs:



Component layouts:

