Your Expert Partner for **Human Machine Interfaces**

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

Distribution by DigiKey

82-665C.2114



https://digikey.eao.com/p/82-665C.2114

Your product:



82-665C.2114
Pushbutton, illuminated pushbutton, Ø 22 mm, stainless steel 316L, cable 200 mm, 90°

FRONT

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

MOUNTING

Mounting cut-out:	Ø 22 mm

OPERATING-/INDICATION PART

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

ELECTRICAL CHARACTERISTICS

Pollution degree:	2, according to EN IEC 60947-1
Rated Operational Voltage Ue:	250 VAC
Operating voltage:	24 V DC (LED)
Thermal current Ith:	5 A
Electrical lifetime:	50 000 cycles of operation
Rated insulation voltage Ui:	250 V

Electric strength:	1500 VAC, 50 Hz 1 minute between life terminals and ground

MECHANICAL CHARATERISTIC

Mechanical lifetime:	500 000 cycles of operation
Operating Travel:	ca. 3 mm
Tightening torque:	0.5 ... 0.6 Nm
Switching action:	Maintained
Operating force:	4 N ... 7 N
Terminal:	Cable 200 mm, 90°
Weight:	0.043 kg
Switching system:	Snap-action switching element

AMBIENT CONDITION

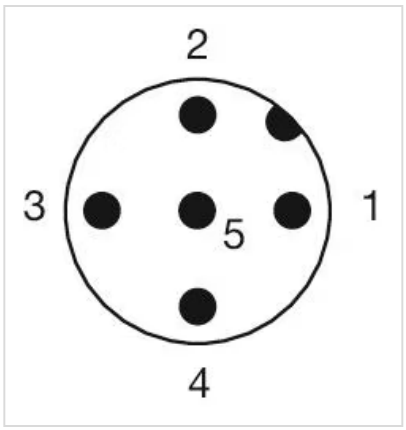
Vibration resistance:	10 ... 500 Hz, amplitude 1.5 mm p-p according to IEC 60068-2-6
Climate resistance:	Damp heat, 21 days according to IEC 60512-11
IP front protection:	IP65, IP67
Shock resistance:	Max. 500 m / s^2 as per IEC 60068-2-27
Operating temperature:	– 30 °C ... + 70 °C
Storage temperature:	– 40 °C ... + 80 °C

CERTIFICATE

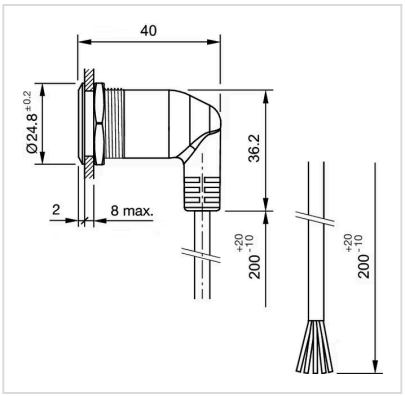
Conformities:	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)

OTHER

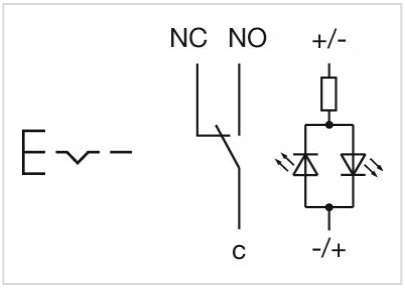
Hints:	Cable with certification ECE-R118
Short Description:	Pushbutton, illuminated pushbutton, Ø 22 mm, stainless steel 316L, cable 200 mm, 90°, Maintained, 35 V AC/DC @ 0,6 A, 24 V DC (LED), Cable 200 mm, 90°, round, Stainless steel 316L, Red, Silver
Kind of illlumination:	Single-LED
Component layouts:	



Dimension drawings:



Wiring diagrams:



Mounting cut-outs:

