

# Pushbutton Ø 19 mm silver contact

82-5171.1000



<https://eao.com/p/82-5171.1000>

Your product:



## 82-5171.1000 Pushbutton Ø 19 mm silver contact

### FRONT

**Front bezel material:** Stainless steel

### MOUNTING

**Mounting cut-out:** Ø 19 mm

### OPERATING-/INDICATION PART

**Lens optics:** opaque

**Lens illumination:** non illuminative

**Lens shape:** convex

**Lens colour:** Silver

**Lens material:** Stainless steel

### ELECTRICAL CHARACTERISTICS

**Thermal current I<sub>th</sub>:** 5 A

**Rated Operational Voltage U<sub>e</sub>:** 250 VAC

**Switching voltage and switching current:**

according to IEC 60947-5-1 (Silver contacts)	
Service categorie AC-15	
Voltage	Current
24 VAC	1 A
35 VAC	1 A (M12 versio
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 vers
110 VDC	0.2 A
220 VDC	0.1 A

according to UL 508 (Silver contacts)

cos $\phi$  0,75 ... 0,8

Voltage

120 VAC

240 VAC

24 VAC

Current

5 A

3 A

1 A

<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Contacts:</b>	1 C
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Rated insulation voltage Ui:</b>	250 V

### MECHANICAL CHARACTERISTIC

<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm
<b>Contact material:</b>	Silver
<b>Mechanical lifetime:</b>	1 Mio. cycles of operation
<b>Operating force:</b>	4 N ... 7 N
<b>Operating Travel:</b>	ca. 3 mm
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Switching action:</b>	Momentary
<b>Weight:</b>	0.019 kg
<b>Switching system:</b>	Snap-action switching element

### AMBIENT CONDITION

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

### CERTIFICATE

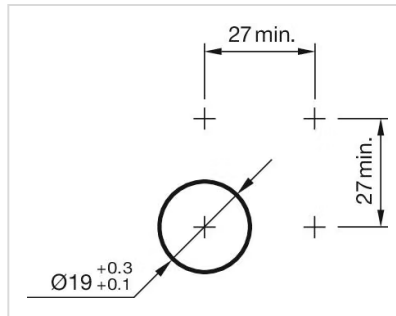
<b>Conformities:</b>	CE, 2011 / 65 / EC (RoHS), 2014 / 35 / EU (LVD)
<b>Approbations:</b>	CB, CCC, C UL, UL

### OTHER

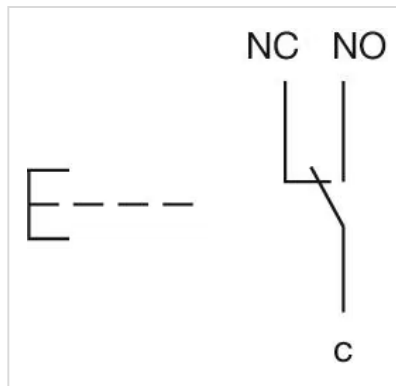
**Short Description:**

Pushbutton Ø 19 mm silver contact, Momentary, 1 C, Soldering terminal, 2.8 x 0.5 mm, Stainless steel, Silver

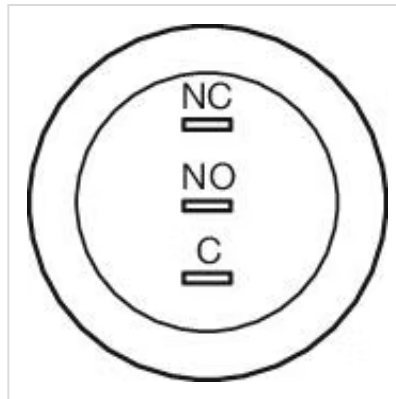
**Mounting cut-outs:**



**Wiring diagrams:**



**Component layouts:**



**Dimension drawings:**

