

# Indicator 19 mm

82-5151.0133

Distribution by  
DigiKey

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<https://digikey.eao.com/p/82-5151.0133>

Your product:



82-5151.0133  
Indicator 19 mm

FRONT

Front dimension:	Ø 22 mm
Front form:	Round
Front bezel material:	Stainless steel
Front bezel shape:	Flush

MOUNTING

Mounting cut-out:	Ø 19 mm
Mounting type:	Panel mounting

OPERATING-/INDICATION PART

Lens colour:	Silver
Lens material:	Stainless steel
Lens illumination:	Illuminated
Lens shape:	Flush
Lens optics:	opaque
Illumination colour:	Green
Shape of illumination:	Ring

ELECTRICAL CHARACTERISTICS

Switching voltage and switching current:	according to UL 508 (Silver contacts)	
	cosφ 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

Voltage

24 VAC

35 VAC

110 VAC

220 VAC

Switch rating DC service categorie DC-13 (Silver contacts)

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

<b>Operating voltage:</b>	12 V AC/DC
<b>Operation current:</b>	7 mA
<b>Rated Operational Voltage U<sub>e</sub>:</b>	250 VAC
<b>Rated insulation voltage U<sub>i</sub>:</b>	250 V
<b>Electrical lifetime:</b>	50 000 cycles of operation
<b>Electric strength:</b>	1500 VAC, 50 Hz 1 minute between life terminals and ground
<b>Pollution degree:</b>	2, according to EN IEC 60947-1
<b>Thermal current I<sub>th</sub>:</b>	5 A

## MECHANICAL CHARACTERISTICS

<b>Terminal:</b>	Soldering terminal, 2.8 x 0.5 mm
<b>Tightening torque:</b>	0.5 ... 0.6 Nm
<b>Weight:</b>	0.018 kg

## AMBIENT CONDITION

<b>IP front protection:</b>	IP65, IP67
<b>Operating temperature:</b>	– 30 °C ... + 70 °C
<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>Climate resistance:</b>	Damp heat, 21 days according to IEC 60512-11

## CERTIFICATE

<b>Approbations:</b>	CB, CCC, C UL, UL
<b>REACH:</b>	REACH compliant

**RoHS:**

RoHS compliant

**OTHER**

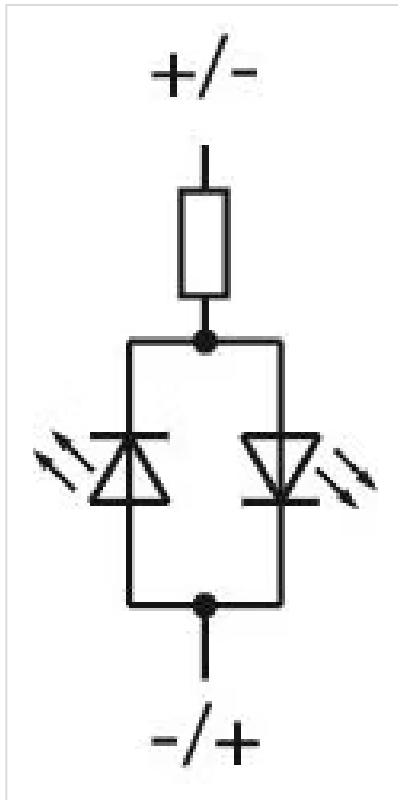
**Short Description:**

Indicator 19 mm, 12 V AC/DC, Soldering terminal, 2.8 x 0.5 mm, Round, Stainless steel, Green, Silver

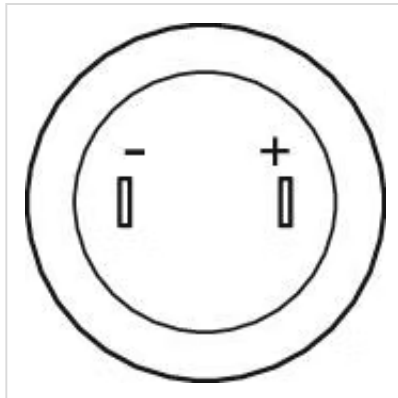
**Kind of illumination:**

Single-LED

**Wiring diagrams:**



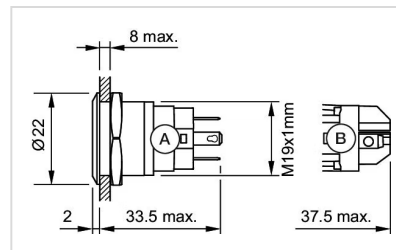
**Component layouts:**



**Mounting cut-outs:**



**Dimension drawings:**



A = Solder terminal  
B = Screw terminal