

# ***SENSOR CURRENT 10A/5mA***

## ***Model:LCTA21CE-10A/5mA***



### **Features:**

- 1- Vertical through the core printed circuit board soldered directly to the installation, beautiful appearance, compact and lightweight.
- 2- Fully enclosed, good mechanical properties and resistance to the environment, strong voltage isolation capability, safety and reliability.

### **The use of environmental conditions:**

- 1- Ambient temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$ .
- 2- Relative humidity: temperature is  $40^{\circ}\text{C}$  not more than 90%.
- 3- The operating frequency range:  $20\text{Hz} \sim 10\text{KHz}$ .
- 4- Insulation: Class B ( $130^{\circ}\text{C}$ ).

### **Security Features:**

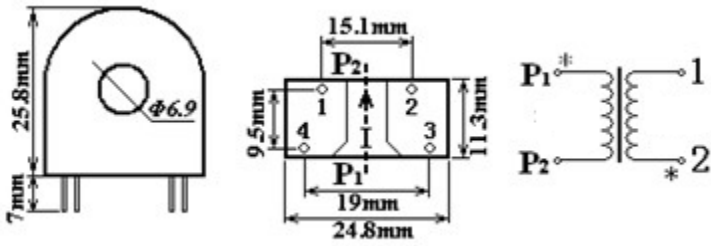
1. Insulation resistance: 1000M Ohm larger than normal;
2. Dielectric strength: can withstand power frequency 1000V / 1 min.
3. Flame retardant: compliance with UL94-Vo.

### **Specifications:**

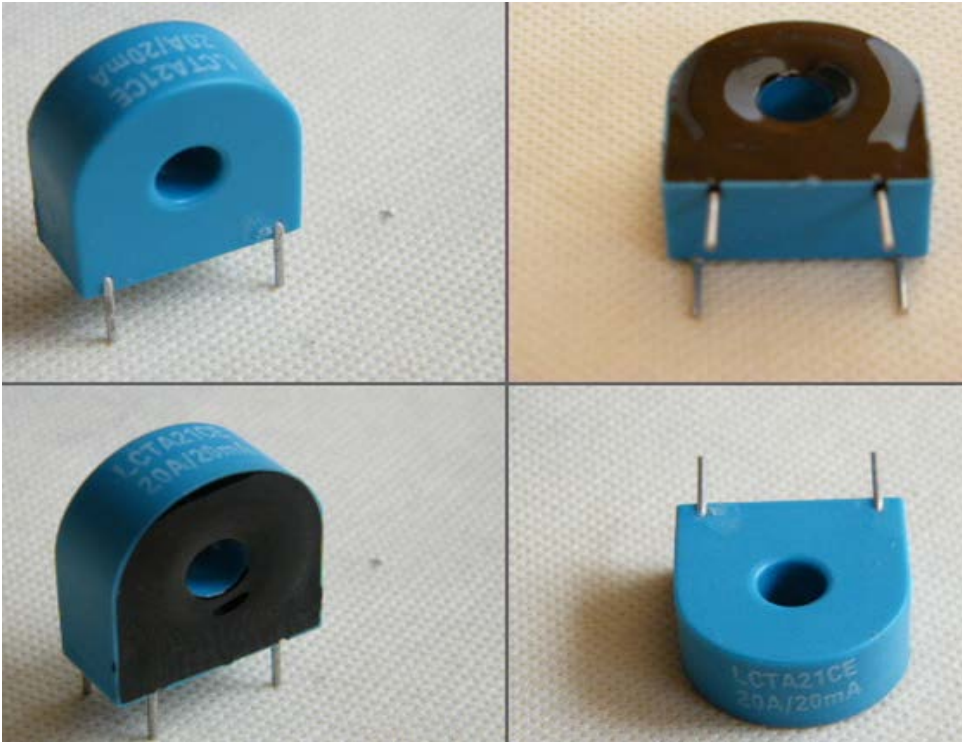
Product Type	Rated Input Current	Rated Output Current	Rated Sampling Resistor	Rated Sampled Voltage	Phase Shift	Non-linearity	Linear Range	Pressure
LCTA21CE-10A / 5mA	10A	5mA	200Ω	1V	$\leq 10^{\circ}$	$\leq 0.1\%$	$\geq 1.5$ times rated	$\geq 6\text{KV}$



## Outline Drawing, Installation Size And Coil:



Pin Description: The primary wire through the middle of the hole, the secondary is 1,2 feet, 3,4 feet is empty legs only play a fixed role.



## Performance Parameters:

- 1-Sampling voltage is obtained by using a resistor directly (as shown in Figure 1).
- 2-Obtained by sampling the voltage at IC method (as shown in Figure 2).

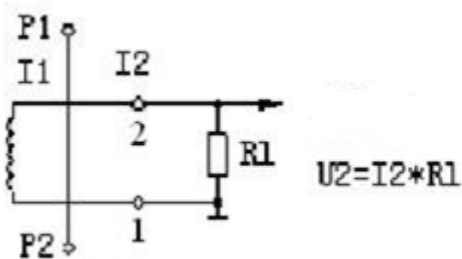


Figure 1

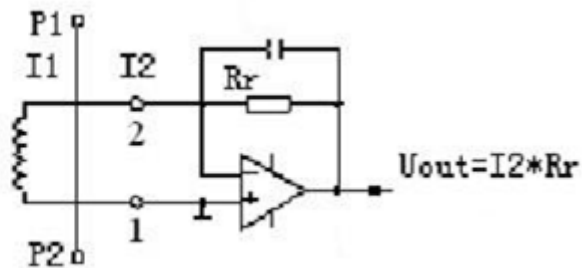


Figure 2