



## TEMPERATURE CONTROLLER

### FEATURES :

- LED Display (12.5 mm Height red)
- Temperature Control up-to  $\pm 0.5^{\circ}\text{C}$
- RTD (Pt-100) Temperature sensor input
- On/Off Relay type
- Open Sensor Indication

### APPLICATIONS :

- for use with furnace for following experiments

- Temperature coefficient of resistance of Copper
- Band gap of a semi conductor
- Stefan's constant of radiation
- Metal Insulator transition in La Ca Manganates
- Temperature variation of Dielectric constant of Ferroelectric material



### SPECIFICATIONS

Operating Voltage : 230 V AC, 50 Hz  $\pm$  10%.

Operating Temp. Range :  $0^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ .

Enclosure : 96 x 96 x 160 mm DIN.

- Can measure temperatures upto  $400^{\circ}\text{C}$  using a Pt 100 sensor.
- Temperature control is ON-OFF type using a relay.
- One can set the desired temperature.
- The actual temperature is also indicated

### "AJAY SENSORS" RANGE OF PRODUCTS :

- Experimental Lab Kits
- Load Cells
- Pressure Transmitters
- Pressure Switch
- Digital Indicators
- Temperature Sensors

### Manufactured By :



### **Ajay Sensors & Instruments**

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### Marketed By :