

Single Set Point Temp. Controller



- Model no.:** DTC - 991 (96W x 96H x 110D)mm ,
DTC - 771 (72W x 72H x 110D)mm,
DTC - WL (Wall mounting) ,
DTC - FLP (Flame proof) ,
DTC - 99D (96W x 96H x 110D) mm
- Display:** 3 1/2 digit, 4 1/2 digit, LED 7 segment display
- Input:** Thermocouple (J,K,R,S), PT-100- 3 wire RTD, Current, Voltage.
- Range:** K -50 to +1200oc, J - 50 to + 600oc, RTD -100 to 600oc, 0 - 20 mA, 4 - 20 MA, 0 - 1v, 0 - 5v.
- Accuracy:** For thermocouple $\pm 2\%$ of FS, RTD- $\pm 0.1\%$ of FS.
- Supply:** 230V A.C. (std), any supply (optional).
- Relay:** 1 NO/C/NC Relay contact rated 230V/5 Amp for 1 relay.
- Control Action:** ON/OFF (hysteresis $\pm 1\text{oC}$). (Proportional - control action starts 10oC before set point).
- Features:** 4 - 20mA retransmission output (Optional).
Transmitter excitation supply - 24v dc (Optional).
Automatic Cold junction compensation of thermocouple.
Temperature sensor break indication.
Automatic wire length compensation for long wire RTD.
12 VDC output to drive SSR(optional)