

µC Based Temperature Controller – Dual Display



- WTC-2201-PID....Size: 96(w)x96(h)x65(d) mm
- WTC-2001-PID....Size: 96(w)x48(h)x110(d) mm
- WTC-2101-PID....Size: 72(w)x72(h)x65(d) mm
- WTC-2301-PID....Size: 48(w)x48(h)x85(d) mm

- microcontroller based,
- Four digit dual display
- Supply 100-260 VAC
- Input J, K or RTD,RTD.1 selection
- Output: 1. Relay Contact or SSR
 - 2. Alarm contact or Buzzer (optional)
 - 3. Current: 4 to 20mA (optional When PID Control Selection)
 - 4. Voltage: 0 to 5/10V DC (optional When PID Control Selection)
- PID – Auto tune or On/Off Control selection
- Heating or Cooling Application selection
- Range: J type 0-750°C,
K type 0-1200°C,
RTD.1 type -50.0 to 400.0°C,
RTD type 0 to 400°C,
- Accuracy of 0.5% of full scale
- Temperature As per range adjustable in set mode.
- Alarm 0.0 to 25.0 or 0 to 250 as per range adjustable
- Cycle Time 1 to 60 seconds for ssr output & 10 to 120 second for Relay output adjustable
- Auto tuning require to adjust for pb, It & dt value
- Hysteresis 0.2 or 2 to 25.0°C or 25°C adjustable as per range selection for RTD
- Hysteresis 2 to 250°C adjustable as per range selection for J & K Type
- Delay 0 to 250 second adjustable for cooling control
- OPEn display if Sensor break & -rEV display if connections reverse.
- Relay trip if sensor breaks, connection open or connection reverse.
- Calibration Error correction by front key switch (No preset setting)
- Configure link @ Back terminal to avoid unauthentic entry.
- RS485 Output Optional
- 4-20mA Output Optional

NOTE: R & S type input sensor available on request

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