

## µC Based Temperature Controller – Single Display



- WTC-1201-PID....Size: 96(w)x96(h)x65(d) mm
- WTC-1001-PID....Size: 96(w)x48(h)x110(d) mm
- WTC-1101-PID....Size: 72(w)x72(h)x65(d) mm
- WTC-1301-PID....Size: 48(w)x48(h)x85(d) mm

- microcontroller based,
- Four digit display
- Supply 100-260 VAC
- Input J, K or RTD selection
- Output: 1. Relay Contact or SSR
  - 2. Alarm contact or Buzzer(optional)
  - 3. Current: 4 to 20mA or 0 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

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