

PID TEMPERATURE CONTROLLER

" Total Solution Under One Roof "
Manufacturing, Servicing & Calibration

PID Temperature Controller Model : TC 172 & 192



Features

- Auto tuning PID control
- 4 Digit Seven Segment LED Display
- PT 100 , J , K Inputs
- Selectable Resolution for RTD - PT 100 1 / 0.1 °C
- 1 Control Output with Relay or SSR
- ON / OFF , PID user selectable control mode
- Heat / Cool user selectable control action
- Hysterisis & Cyclic Time Delay user Configurable
- User calibration provided
- Universal Supply Voltage 90 to 270V AC / DC

Application

- B.O.D Incubators
- Ovens
- Furnaces
- Autoclave Controllers
- All Kind of Thermal Industries

Technical Specifications

| | |
|---------------------|---|
| Model | TC 172 / TC 192 |
| Input | PT 100 / J / K (programmable Set point Hi Limits) |
| Range | PT 100 - -199.9 to 850.0 °C TC - J - -200 to 1100 °C TC - K - -200 to 1370 °C |
| Resolution | 0.1 / 1 °C (selectable only for RTD - PT 100) |
| Accuracy | ± 0.25 % of FS |
| Display | 4 Digit 0.5" RED Seven Segment LED |
| Control mode | ON / OFF , PID |
| Control Action | Heater , Cooler (for PID control mode heater action only) |
| Relay Output * | 1 NO , 1 NC 5A Rated Relay |
| SSR Output * | 12V DC ± 10% |
| Working temperature | 0 - 50 °C |
| Power Supply | 90 to 270V AC / DC 50Hz |
| Over all Dimension | 72 x 72 x 65 mm(TC 172) / 96 x 96 x 65 mm(TC 192). |
| Cutout Dimension | 68 x 68mm(TC 172) / 92 x 92mm(TC 192). |
| Weight | 200 grams (Approx.) |

Note: * Relay or SSR any one Output factory selectable against order
Due to continuous product improvements, Published specifications may change with out notice

SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

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