

PID Temperature Controller



Ajinkya Electronic Systems is manufacturer of IM2700 Series Temperature controllers which are Microcontroller based highly versatile controllers available with control algorithm as On / Off, Proportional, PI or PID to choose from depending on process requirement. Control parameters are user configurable on site.

Various options like independent Heat / Cool relay output, input from sources like Rtd, Thermocouple or 4-20 mA etc are available.

Other versions of temperature controllers are also available :

- Profile Controller : To control temperature against time. E.g. Ramp Soak Control
- Temperature Humidity Controller
- Multi Set point Temperature Controller
- Multi Channel Temperature Controllers : Multiple Temperature Controllers in a Single Package

FEATURES

- Microcontroller based Digital Circuitry
- Four digit LED display for parameter indication.
- Optional 4 digit display for setpoint display.
- Dust proof membrane keypad for programming.
- Input interface : Pt 100 or Thermocouple or 4 to 20 mA as per the requirement.
- Control algorithm On/Off, P , PI or PID with programmable control constants.
- NV RAM storage to retain setpoint in case of power failure.
- Control output Relay outputs rated 230V / 5A (resistive) or 4-20 mA
- Independent Heat and Cool relay outputs optional.
- High Low relay alarm outputs optional.
- 4-20 mA or 0-10 V Control output optional.
- RS 232 Serial Interface for PC or Serial Printer (Optional)
- Size 96 x 96 x 150 mm. (DIN standard).
- Calibration Certification as per ISO9000 norms.

OTHER PRODUCTS

- Profile Controller
- Temperature Humidity Controller
- Multichannel Temperature Controller
- Ramp Soak Controller
- Programmable Indicator



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