

TEMPERATURE CONTROLLERS 48 SQMM

4DIGIT DIGITAL MODEL PRTL DTC 48 9020

Features

- Panel mountable.
- μ P based.
- Four digit seven segment 1/4" LED display.
- Single set point and two set point.
- J or K type TC field selectable, R,S,T,E, RTD 4-20 ma or 0-5v inputs.
- Universal power supply input 60VAC to 260VAC.
- Touch key interface.
- On/Off, proportionate or PID control mode.
- Digital calibration.
- Software linearisation.
- Models with in built timers.

APPLICATIONS

- Furnaces.
- Ovens.
- Laboratory equipments.
- Medical equipments.
- Heat treatment process.
- Environmental chambers.
- Walk in chambers.
- Cold chambers.
- Refrigeration and Airconditioning.
- Any process control application.



SPECIFICATIONS

POWER SUPPLY : 60VAC to 260VAC.

OUT PUTS : Single / Dual Relay o/p.
Single / Dual SSR o/p.
Relay and SSR o/p.

TYPE OF CONTROLS : ON/OFF, proportionate, PID.

TYPE OF INPUTS : TC all types, RTD, 0-5v, 4-20ma.

DISPLAY : 4 Digit 1/4" 7 segment LED display.

RELAY STATUS : Through LEDs.

AUTOMATIC COLD JUNCTION
COMPENSATION : Provided

SENSOR BURN OUT PROTECTION : Provided

RESOLUTION : 0.1 or 1degree °C upto 4000 counts.

ACCURACY : $\pm 0.1^{\circ}\text{C}$ or 1°C With ± 1 count.

LINEARISATION: Software Linearisation

RELAY OUTPUT RATING : Max 1 A

USER INTERFACE : Through front panel touch keys

DIMENSION: 48mm X 48mm X 105 mm

MOUNTING : Panel Mountable

ENCLOSURE : ABS Plastic.



PROTOROL

Process Control People

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