

Datasheet PC 109

- 96mm x 96mm Enclosure front size
- μ P based, PID temperature step controller with HEAT and ALARM outputs
- Auto-tuning for PID parameters
- Sensor type: T/C (J,K,S), Pt100, selectable, multi-input
- Selectable control type: P, PI, PD, PID or ON-OFF
- “Anti-windup”
- Maximum 20 steps, selectable
- Maximum 18 hours/step timer setting
- Selectable relative or absolute alarm
- Displays SET, Process, Step no and Remaining time values
- Cold-junction compensation for T/C
- Line compensation for Pt100
- Excellent linearity with $^{\circ}\text{C}/\text{mV}$ and $^{\circ}\text{C}/\text{Ohm}$ look-up tables
- Input “Offset” feature
- Password protection
- High accuracy
- EEPROM memory to store settings
- Optional SSR output
- Easy connection with plug-in connectors