

Universal TC IP- PID Controller With Amp.Meter



SPECIFICATION :

MODEL	PID-4C
Over All Size	48*48*90 mm
Cut Out Size	44*44 mm
Mounting Type	Panel Mounting.
I/P Supply	230VAC,+/-15%,50Hz. (Others on request)
I/P Sensor	a) J,K,for T/C (Field Selectable) b) CT for Heater Load.(50Amp Max)
Display Method	Upper Right : 3-Digit 0.29" RED 7 Segment LED Display for Temp.PV Upper Left: 3-Digit 0.29" GREEN 7 Segment LED Display for Heater Load PV Lower : 3-Digit 0.29" GREEN 7 Segment LED Display Heater SV
Range	a) J-T/C= 600'C... b) K-T/C=950'C c) 0.5 to 50.0 Amp for Heater Load.
Indication Accuracy	0.25% of FSR or 1'C Max, Software Calibrated Lineariser.
Control Accuracy	+/-1'C of Set value.
Resolution	a) 1'C for Temperature b) 0.1 Amp for Load Current.
CJC	Automatic Cold Junction compensation for TC.

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Setting Method	By Front Keypad
Control O/P	Relay-1- 1 C/O-Relay o/p (3A@230vac) or Isolated SSR o/p (+12vdc) for Heater.
	Relay-2- 1 C/O-Relay o/p (3A@230vac) for Blower.
Control Method	Control-1 -Auto-Tune PID or ON/OFF (Field Selectable)
	Control-2 -ON/OFF
Setpoint-1	Main SetPoint
Setpoint-2	Heating + Heating, Heating + Cooling ,Heating + High /Low Alarm.
Sensor Break Protection	Relay OFF when the sensor breaks.
OutPut Indication	LED Indication on the front panel for Each O/P status.
EMC Standard	EN50081-2 & EN 50082-2 Generic Stds for Industrial Environment
Safety Standards	Meets EN61010, Installation Catagory II
Operating Ambient	0°C to 55°C
Storage Temperature	-10 to +70 °C
Operating Humidity	5~80%RH Non-condensing

Heatcon Automation