

## PID - TEMPERATURE CONTROLLER (4+4 Digit, 1 Output)



Function \ Model	PID 9801	PID 7801	PID 4801
<b>Size</b>	(96 x 96 x 74) mm Refer Size (1) table	(72 x 72 x 74) mm Refer Size (2) table	(48 x 48 x 92) mm Refer Size (3) table
<b>LED Display</b>	4 + 4 Digit, 0.5" Height 4 Digit Process Value + 4 Digit Set Value		4+4 Digit, 0.39" Height
<b>Setpoint</b>	Single set point temperature controller.		
<b>Input Sensor &amp; Range</b>	1) RTD, Pt 100 : -99.9 to 199.9 , 0 to 500 °C 2) J ( Fe - K ) Thermocouple : -100 to 750 °C 3) K ( Cr - Al ) Thermocouple : 0 to 1350 °C - Selectable		
<b>Control Mode</b>	P, PI, PD, PID, Auto Tune, On - Off, Time Proportional - Selectable.		
<b>Control Action</b>	1) Heating Action, 2) Cooling Action - Selectable .		
<b>Output</b>	1) Relay, 2) SSR - Selectable. (Relay :1CO,5A @ 230VAC / 24 VDC & SSR : 12VDC,20ma O/P)		
<b>Accuracy</b>	+/- 0.25 % of full scale or 1 °C, whichever is greater.		
<b>Power Supply</b>	90 to 250 VAC/DC @ 50/60 Hz.( 24 VAC/DC provided on request)		
<b>General Features</b>	Temp. Setting by key pad , Led indication for Relay status , Mounting : Panel mounting type. IPC : Input process value correction upto +/- 10 count		

## PID - TEMPERATURE CONTROLLER (4+4 Digit, 2 Output)



Function \ Model	PID 9802	PID 7802	PID 4802
<b>Size</b>	(96 x 96 x 74) mm Refer Size (1) table	(72 x 72 x 74) mm Refer Size (2) table	(48 x 48 x 92) mm Refer Size (3) table
<b>LED Display</b>	4 + 4 Digit, 0.5" Height 4 Digit Process Value + 4 Digit Set Value		4+4 Digit, 0.39" Height
<b>Setpoint</b>	Single / Two set point temperature controller.		
<b>Input Sensor &amp; Range</b>	1) RTD, Pt 100 : -99.9 to 199.9 , 0 to 500 °C 2) J ( Fe - K ) Thermocouple : -100 to 750 °C 3) K ( Cr - Al ) Thermocouple : 0 to 1350 °C - Selectable		
<b>Control Mode</b>	Set 1 : P, PI, PD, PID, Auto Tune, On - Off, Time Proportional - Selectable. Set 2 : On - Off / Time Proportional - Selectable.		
<b>Control Action</b>	1) Heating Action, 2) Cooling Action - Selectable for set 1 & 2 . (In set 2, delay time for compressor start in cooling action)		
<b>Output 1 &amp; 2</b>	1) Relay, 2) SSR - Selectable for set 1 & 2. (Relay :1CO,5A @ 230VAC / 24 VDC & SSR : 12VDC,20ma O/P)		
<b>Accuracy</b>	+/- 0.25 % of full scale or 1 °C, whichever is greater.		
<b>Power Supply</b>	90 to 250 VAC/DC @ 50/60 Hz.( 24 VAC/DC provided on request)		
<b>General Features</b>	Temp. Setting by key pad , Led indication for Relay status , Mounting : Panel mounting type. IPC : Input process value correction upto +/- 10 count		

### OVER ALL MOUNTING DIMENSIONS (in mm)

SIZE	DIM					
	A	B	C	D	E	F
SIZE - (1)	96	96	74	10	92	92
SIZE - (2)	72	72	74	10	69	69
SIZE - (3)	48	48	92	4	46	46