

Datasheet

RS Pro PID Temperature Controller, 96 x 48mm 4 Current, PT100, Thermocouple, Voltage Input, 6 Output Relay

RS Stock No: **875-1248**



Product Details

RS Pro PID temperature controller is designed for measuring and controlling temperature. It operates at a voltage rating of 100 to 240 V ac. This PID controller is controlled by a burner system. It measures 96 x 48 mm. This controller has 4 current, PT100, thermocouple, voltage input and 6 output relays.

Features and Benefits

- 4 digits process (PV) and 4 digits process set (SV) display
- Universal process input
- Configurable P, PI, PD and PID control forms
- Auto-tune
- Manual/automatic mode selection for control outputs
- Motorized valve control function
- RS-232 serial communication



Specifications:

Additional Functionality	PID Function Only
Communication Module Available	No
Configurable Outputs	Relay
Control Type	P, PI, PD & PID Controller
Display Colour	Green, Red
Maximum Operating Temperature	+50°C
Minimum Operating Temperature	0°C
Panel Depth	76 mm
Size	96 x 48 mm
Display Type	7-Segment
Input Type	Current, PT100, Thermocouple, Voltage
IP Rating	IP20, IP65
Mounting Type	Panel Mount
Number of Inputs	4
Number of Outputs	6
Output Type	Relay
Supply Voltage	100 to 240 V ac
Temperature Range	+44 to +1800°C (Type B Thermocouple), 0 to +1700°C (Type S Thermocouple), -100 to +850°C (Type L Thermocouple), -150 to +700°C (Type E Thermocouple), -199 to +400°C (Type T Thermocouple), -199.9 to +900°C (Type J Thermocouple), -199.9 to +999.9°C (Type K Thermocouple)