

PID Temperature Module



PID Temperature Controllers

Features

- Modularize, small size, saving space, and easy wiring.
- Variety installing methods : DIN rail, panel , or surface mounting.
- PID auto-tuning function.
- Support Modbus RTU communication protocol, can be linked to 256 devices through RS-485 interface.
- Dual loop output control (heating / cooling control)
- Current transformer function for heater break alarm.
- Thermocouple and Pt100. (is selectable)
- Remote set-point.
- Open loop motor valve control.
- Retransmission output.

Specifications

Input Signal	Type of Input	TC (K, J, T, R, E, S, B, N)
		RTD (Pt100, JPt100)
		Linear (1-5V, 4-20mA)
	Input Sampling Time	300 ms
Indication	Constant Value Storage System	Non-volatile memory (EEPROM)
Control Mode	Proportional Band (P)	0.0~3000
	Integral Time (I)	0~7200
	Derivative Time (D)	0~1800
	Cycle Time	0~150
	Dead Band	0.0~200.0
Contact Output	Relay Output	Contract, SPST 3A/240V AC
	Voltage Output	Voltage Pulse
	Linear Output	4~20mA, 1-5V
	Motor Control Output	Open loop motor valve
Alarm	Channel	2 channel (Optional)
Communication	Type Of Communication	RS-485 Modbus RTU protocol
General Specifications	Power Supply Voltage & Frequency	90~260V AC, 50/60Hz
	Power Consumption	<3.5VA
	Ambient Temperature	-10°C~55°C
	Ambient Humidity	0~80% RH

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