

## XMT6200 Digital PID Controller



### Characteristics

- Modular design, SMT technology, high performance.
- Switching power supply.
- Easy to install and operate.
- Accurate measurement and precise control. Optional relay or SSR output.
- 2 - ways relay independently set and output, realizing upper and lower limit alarm.
- Super strong PID self-tuning function automatically adapts the controlled object.
- Long-term stability and strong anti-interference ability.
- WATCHDOG circuit, digital filter, photoelectric isolation.
- Fast response, small overshoot and oscillation period small steady state deviation.
- Manually view the output percentage and facilitate system PID debugging.
- Widely used in petrochemical, thermal, heating, water supply and other industries.

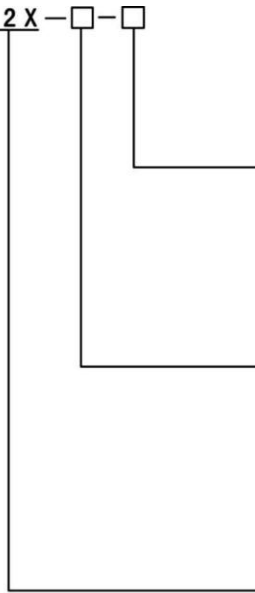
### Technical parameters

- Power supply: AC/DC85 to 260V.
- Input signal: thermocouple T、R、J、WRe3-25、B、S、K、E、thermo resistance Pt100、Cu50、standard signals 0~375Ω、0~75mV、0~30mV、0~5V、1~5V、0~10V、0~10mA、0~20mA、4~20mA.
- Accuracy: 0.2%FS.
- Sampling rate: 5 times per second.
- Display cycle: 0.6 seconds.
- Feed power output: DC24V/30mA.

- SSR level: DC12V/30mA.
- Output: 4-20mA or 0-20mA.
- Communication output: RS485 (MODBUS\_RTU protocol).
- Environment: 0-50°C; less than 85% RH.

### Model Selection

XMT62X-□-□



	Default	Non	
	Transmission Output	RS485	
mA		4~20mA、0~20mA	
5V		0~5V、1~5V	
10V		0~10	
Controller Output	J	Relay Output	
	SSR	SSR Electric Level Output	
	mA	4~20mA、0~20mA	
	5V	0~5V、1~5V	
	10V	0~10V	
Dimensions (mm)			Aperture Size
	623	48×96×112(竖)	44×92
	624	96×48×112(横)	92×44
	625	72×72×112(方)	72×72
	626	96×96×112(方)	92×92
	628	160×80×80(横)	152×76