

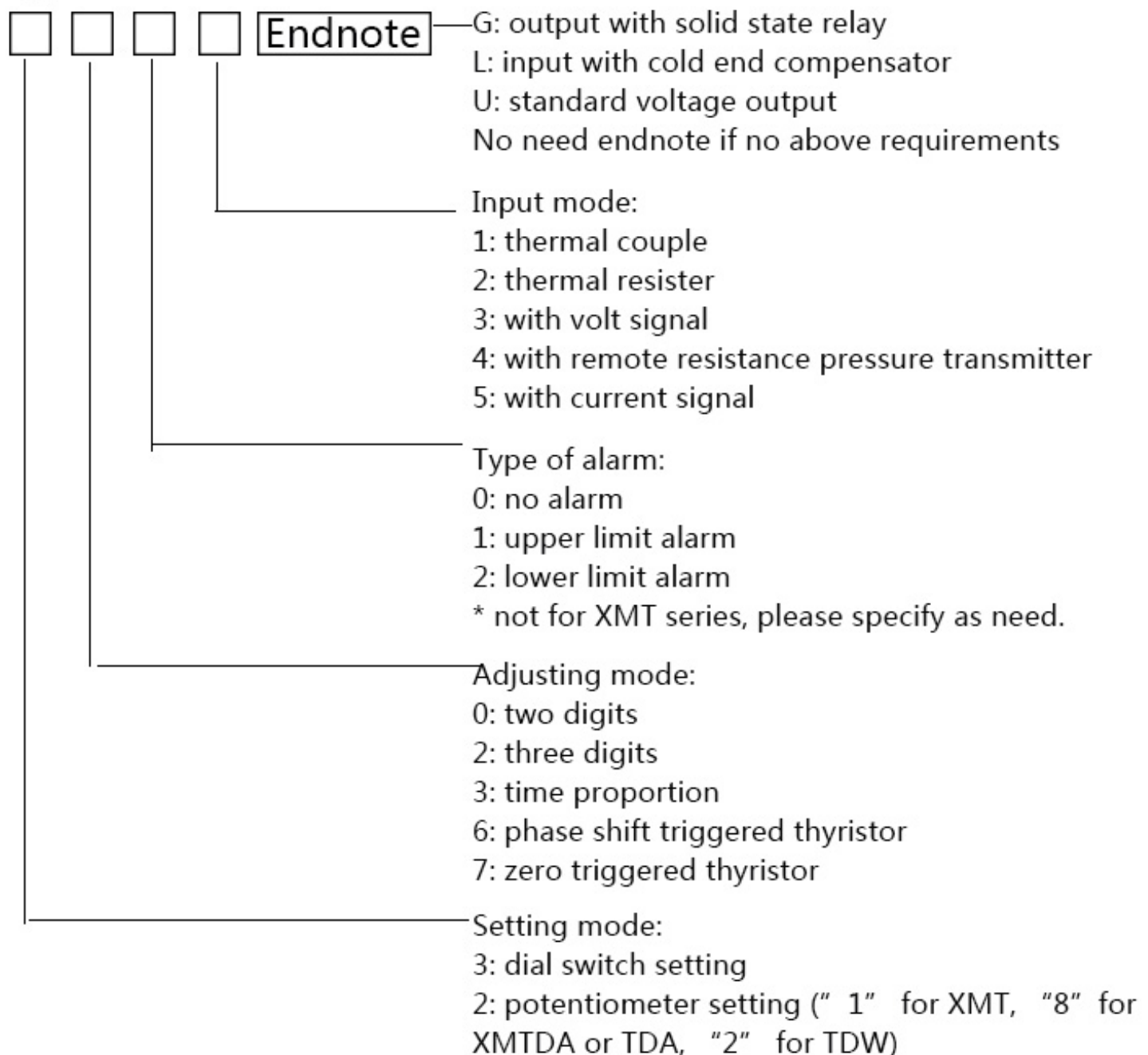
INSTRUCTION MANUAL

(T/XMT SERIES)

1. Summary of product:

On the basis of T series pointer temperature regulator, our factory has launched XM series digital display temperature adjusting instrument. This series of products have more abundant regulating functions, higher temperature control accuracy, better reliability, stronger shock resistance, clear reading, disregard difference, remote observation and other characteristics, and can be widely used in various occasions to adjust the temperature.

2. Type instruction:



3. Measurement range:

E(EA-2)	0-600 °C	K (EU-2)	0-1300 °C	S	700-1600 °C
Cu50	} -50 °C + 150 °C	Pt100	} -50 °C + 150 °C		
Cu100		BA1			
G1		BA2			

4. Main technical parameter:

Accuracy: 1.0; 1.5; 2.5;

Change-over difference: less than 0.5%

Proportional band: 3-6%

Cycle: ± 10 s (or user specified)

Contact output: 220V ~ 3A (resistive)

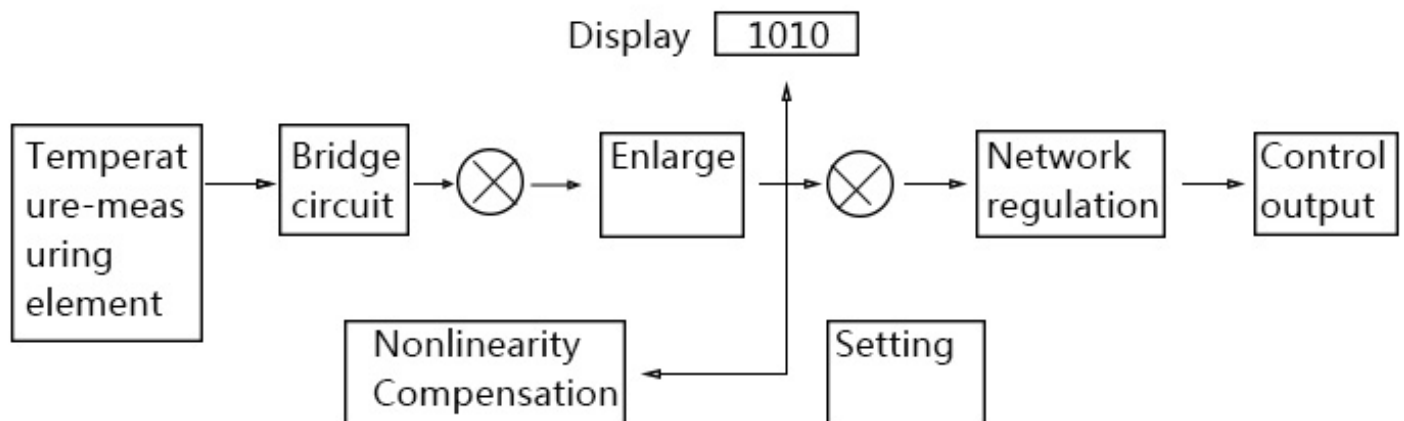
Pulse output: the range is greater than 3 volts, width is greater than 40 μ s;

Power supply: 220V~50Hz

Environment: temperature 0-50 °C, humidity less than 85%, no corrosiveness

Weight: 0.5-0.8kg

5. Working principle:



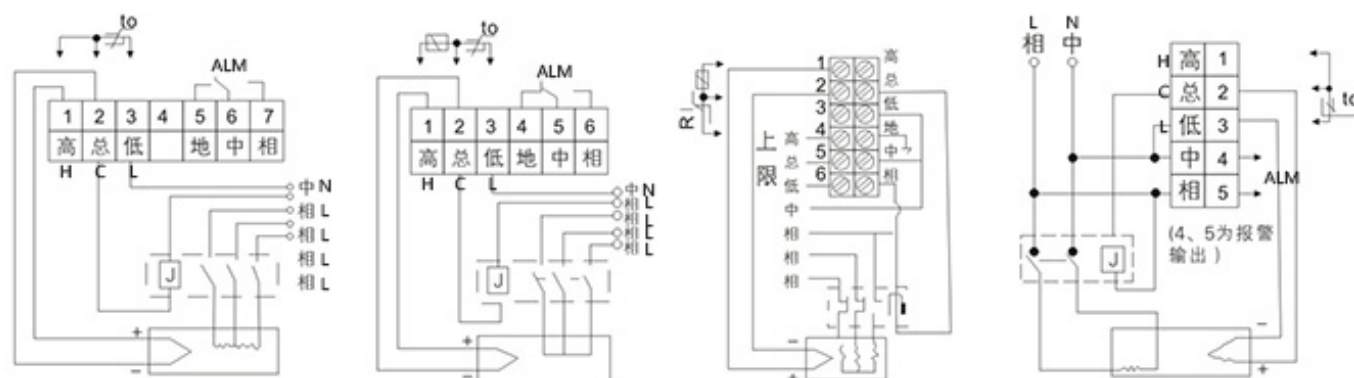
6. Using methods:

- Install the instrument at the place of opening, tight with mounting brackets.
- Wire it according to the diagram, and make sure correctly.
- Put the temperature -measuring element at the right place, be careful not to tie it to a power cord or relay.
- After energize, set 90% of the required temperature value (dial type can be directly set, potentiometer type, first dial the switch to "set", turn the knob to the desired value, and then dial the switch to "measure"), and set it to the desired value after several times of action.

e. Green light means to start heating, red light means to stop heating.

f. With the thyristor instrument, if the voltage jitter is found at both ends of the load, the pulse output two wires on the terminals can be exchanged.

7. Wiring diagram: (the wiring mode of dial instrument is the same as the corresponding.)



TDW-2001,2002
XMT-101,131,121
102,132,122
XM2 无控制部分接线

XMTA-2001,2011,2301,2311
XMTD-2002,2012,2302,2312
2201,2202,3001,3301
TEA-2001,2301,2002,2302
TED-2002,2302,2002,2302

XMTE-2001,2301
2002,2302
2312,2311
3001,3301
3002,3302

TDA-8001, 8301
8002, 8302
XMTDA-8001, 8301
8002, 8302

8. Overall and installation dimensions:

Model		Overall dimensions (mm)			Installation dimensions (mm)	
Pointer type	Digital type	w	H	D	W	H
TDW	XMT	160	80	150	152	76
TEA	XMTA	96	96	150	92	92
TED	XMTD	72	72	130	68	68
TDA	XMTDA	60	120	150	56	115
TDB	XMTE	48	96	100	45	92

Note: please specify the product model, specification, adjustment range, sensor matching, and special request etc. Such as XMTA-3301; KO-399 °C; TEA-2001; K O-399 °C

ZHEJIANG TAIQUAN ELECTRIC CO.,LTD

Address: No. 27, Liubin North Road, Liunan Industrial Zone, Liushi Town, Yueqing City, Zhejiang Province, China. ZIP code 325604 . TEL: 0577 62190022

Website: www.tqidcc.cn