

- Accuracy : $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ F.S. ± 1 digit (AC)
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / Resistor / PT-100 / Load Cell)
- High brightness 0.4" LED display range: -9999~9999; decimal point selectable
- Surge test of AC 2000V / min between input / output / power
- High stability, non-flammable case (PC), high safety

SPECIFICATION

- ◆ Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ F.S. ± 1 digit (AC)
- ◆ Display Screen: High brightness red LED; 10.14 mm(0.4")
- ◆ Sampling Time: 60 cycles / sec
- ◆ Display Range: -9999~9999
- ◆ Zero Adjustment: -9999~9999
- ◆ Over Range Indication: doFL / ioFL or -doFL / -ioFL
- ◆ Polarity Indication: Automatic with "-" indication
- ◆ Parameters Setting: Push buttons
- ◆ Back Up Memory: EEPROM
- ◆ Alarm Action: " \geq (Hi) on" or "< (Lo) on"
- ◆ Alarm Run Delay Time: 0~9999
- ◆ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ◆ Analog Output Resolution: 15 bit
- ◆ Output Response Time: <250 msec (0~90%)
- ◆ Output Capability: Voltage Output: <20mA
Current Output: <10V
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 19200 / 9600 / 4800 / 2400 bps
- ◆ Temperature Coefficient: 100ppm / $^{\circ}\text{C}$ (0~60 $^{\circ}\text{C}$)
- ◆ Operating Temperature: 0~60 $^{\circ}\text{C}$
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70 $^{\circ}\text{C}$
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC 100~240V; DC 9~30V
- ◆ Power Consumption: 6.5VA
- ◆ Surge Test: 2 KVac / 1min (Input / Power)
- ◆ Input Impedence: Voltage: >2V for 20K Ω / V; \leq 2V for >200M Ω
Current: \geq 0.2A at 100mV; <0.2A at 1V
- ◆ Installation: Socket / Plug in

ORDER INFORMATION

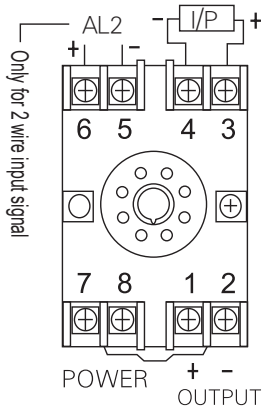
TA4 - Code1 Code2 Code3 Code4

Code1	Input Type	Code2	Voltage	Current	Potentiometer	Resistor
D	DC	V1	0~50mV	A1	0~20uA	P1 500 Ω ~10K Ω I1 0~10 Ω
A	AC AVG	V2	0~5V	A2	0~200uA	P2 10K Ω ~100K Ω I2 0~100 Ω
M	AC TRMS	V3	1~5V	A3	0~2mA	P3 100K Ω ~1M Ω I3 0~1K Ω
P	3 Wire Potentiometer	V4	0~10V	A4	0~20mA	PO Option I4 0~10K Ω
I	2 Wire Resistor	V5	0~36V	A5	0~200mA	I5 0~100K Ω
L	Load Cell	V6	0~300V	A6	4~20mA	Load Cell IO Option
2	2, 3 Wire Sensor	V7	0~600V	A7	0~2A	L1 1mV/V EX.5V
4	4 Wire Sensor	VO	Option	A8	0~5A	L2 2mV/V EX.5V
				A9	0~10A	L3 3mV/V EX.5V
				AO	Option	

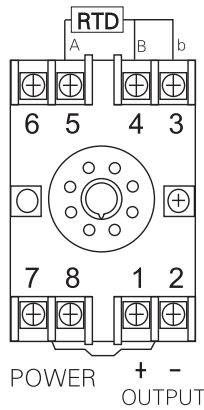
Code3	Aux. Power	Code4	Output
A	AC/DC100~240V	R1	1 Relay
C	DC 9~30V	V	0~10V
		A	4~20mA
		Y	RS485
		O	Other
		R2	2 Relay (Only for 2 wire input signal)

WIRING CONNECTION

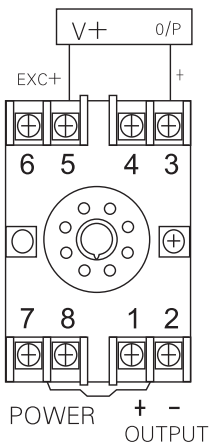
● Voltage, Current (AC, DC)



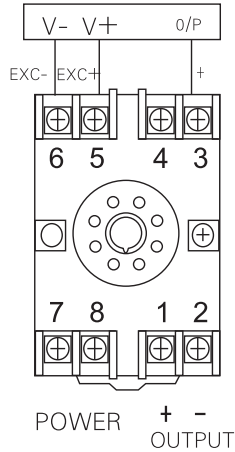
● Temperature (RTD)



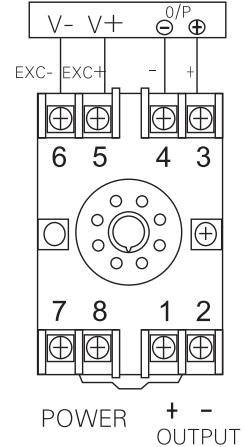
● 2 Wire Sensor



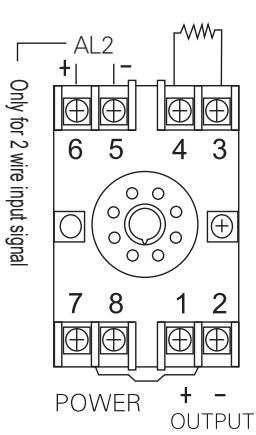
● 3 Wire Sensor



● 4 Wire Sensor or Load cell



● 2 Wire Resistor



● 3 Wire Potentiometer

