

- Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC); $\pm 0.2\%$ F.S. ± 1 digit (AC)
- Max. Hold / Data Hold / Reset / 1~2 Alarms (Hi or Lo) programmable / Analog output (16 bit resolution) / RS-485 communication optional (3 output options select 1)
- High brightness 0.8" LED display range: -19999~99999; decimal point selectable
- 4 Input signals & display selectable function available (S01~S04)
- High stability, non-flammable case (PC), high safety

SPECIFICATION

- ◆ Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC)
 $\pm 0.2\%$ F.S. ± 1 digit (AC)
- ◆ Display Screen: High brightness red LED; 20.3mm(0.8")
- ◆ Sampling Time: 60 cycles / sec
- ◆ Display Range: -19999~99999
- ◆ Zero Adjustment: -19999~99999
- ◆ 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 Hysteresis Range: 0~9999
- ◆ Alarm Run Delay Time: 0~9999 sec
- ◆ Relay Contact: AC 250V / 5A; DC 30V / 5A
- ◆ Analog Output Resolution: 16 bit
- ◆ Output Response Time: <250 msec (0~90%)
- ◆ Output Capability: Voltage Output: <20mA
Current Output: <10V
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 2400/ 4800/ 9600/ 19200
38400/ 57600 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/DC100~240V ; DC 9~30V
- ◆ Power Consumption: 6.5VA with 2 Relays; 3VA without Relay
- ◆ Surge Test: 2KVac / 1min (Input / Power)
- ◆ Input Impedence: Voltage: $>2\text{V}$ for 20K Ω / V; $\leq 2\text{V}$ for $>200\text{M}\Omega$
Current: $\geq 0.2\text{A}$ at 100mV; $<0.2\text{A}$ at 1V
- ◆ Dimensions: 96(W)*48(H)*85(D) mm
- ◆ Weight: About 300 g

ORDER INFORMATION

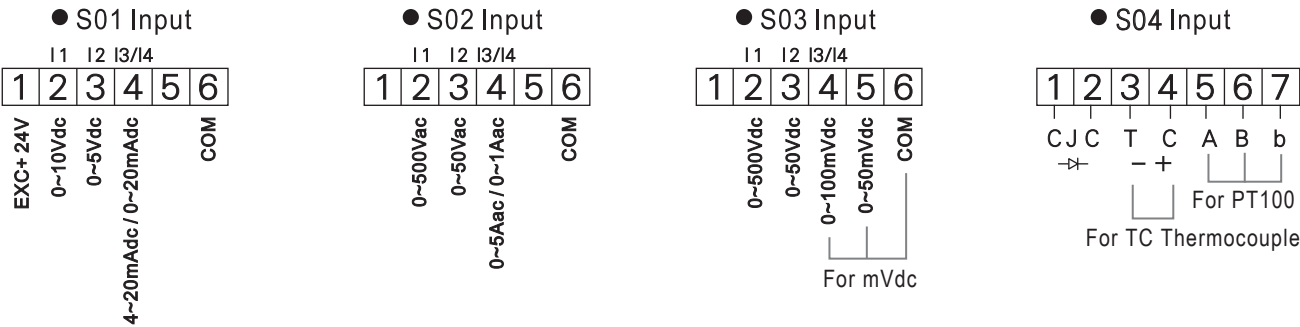
MA5 - Code1 Code2 - Code3 - Code4

Code1	Input Type	Compound Input	Code3	Aux. Power	Code4	Output
D	DC	S01	0~10Vdc/0~5Vdc/ 4~20mAac/0~20mAac	A AC/DC100~240V C DC 9~30V	N	None
A	AC AVG				R1	1 Relay
M	AC TRMS	S02	0~500Vac/0~50Vac/ 0~5Aac/0~1Aac		R2	2 Relays
P	3 Wire Potentiometer				V	0~10V
I	2 Wire Resistor	S03	0~500Vdc/0~50Vdc/ 0~100mVdc/0~50mVdc		A	4~20mA
L	Load Cell				Y	RS-485
2	2, 3 Wire Sensor	S04	PT100/ Thermocouple		O	Option
4	4 Wire Sensor		After select Compound Input, could not select Code2.			

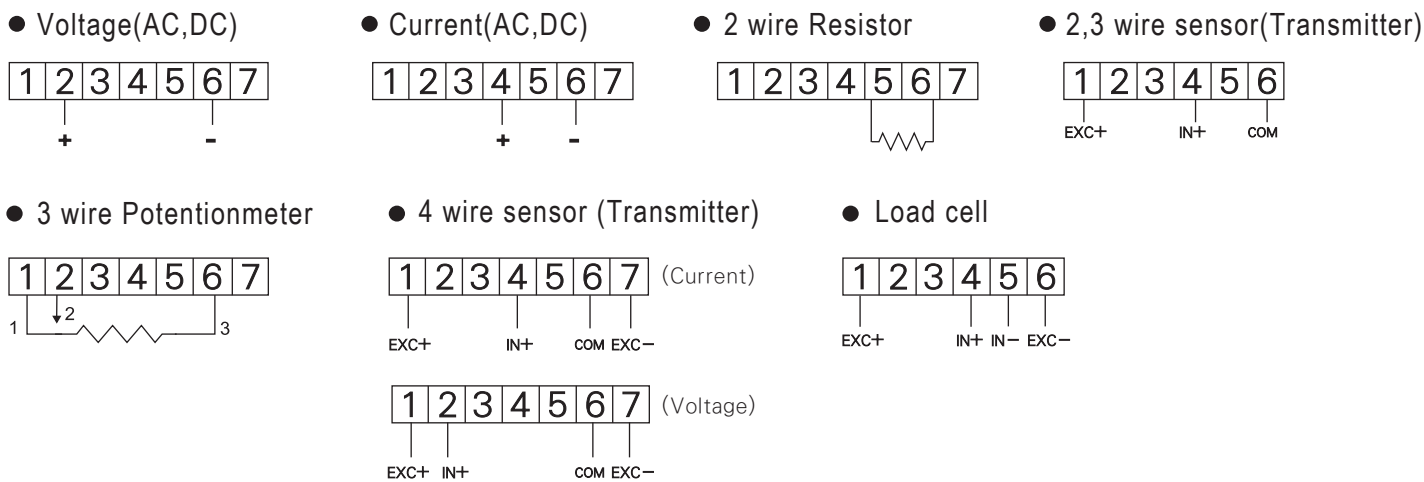
Code2	Voltage	Current	Potentiometer	Resistor	Load Cell
V1	0-50mV	A1 0-20uA	P1 500Ω~10KΩ	I1 0-10Ω	L1 1mV/V EX.5V
V2	0-5V	A2 0-200uA	P2 10KΩ~100KΩ	I2 0-100Ω	L2 2mV/V EX.5V
V3	1-5V	A3 0-2mA	P3 100KΩ~1MΩ	I3 0-1KΩ	L3 3mV/V EX.5V
V4	0-10V	A4 0-20mA	PO Option	I4 0-10KΩ	
V5	0-36V	A5 0-200mA		I5 0-100KΩ	
V6	0-300V	A6 4-20mA		IO Option	
V7	0-600V	A7 0-2A			
VO	Option	A8 0-5A			
		A9 0-10A			
		AO Option			

WIRING CONNECTION

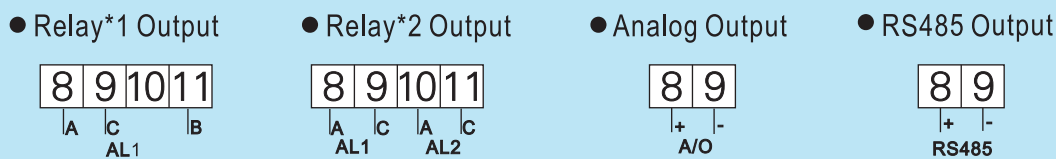
Compound Input (S01,S02,S03,S04)



Input Function



Output Function



Power

