

- 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~S03)
- 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: 19200 / 9600 / 4800 / 2400 bps
- ◆ Temperature Coefficient: 100ppm / °C (0~60°C)
- ◆ Operating Temperature: 0~60°C
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70°C
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC100~240V ; DC9~30V
- ◆ Power Consumption: 6.5VA with 2 Relays; 3VA without Relay
- ◆ Surge Test: 2kVac / 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
- ◆ Dimensions: 96(W)*48(H)*85(D) mm
- ◆ Weight: About 300 g

ORDER INFORMATION

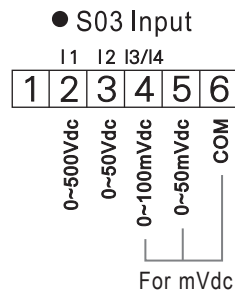
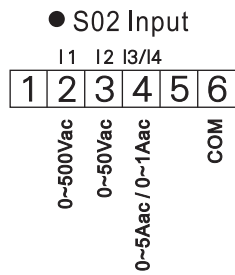
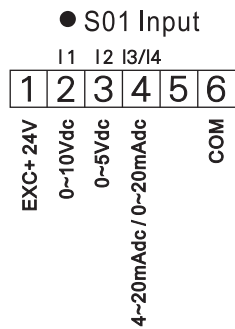
MA5 - Code1 Code2 - Code3 - Code4

Code1	Input Type	Compound Input	Code3	Aux. Power	Code4	Output
D	DC	S01	A	AC/DC100~240V	N	None
A	AC AVG		C	DC 9~30V	R1	1 Relay
M	AC TRMS	S02			R2	2 Relays
P	3 Wire Potentiometer				V	0~10V
I	2 Wire Resistor	S03			A	4~20mA
T	PT-100				Y	RS-485
L	Load Cell				O	Option
2	2, 3 Wire Sensor					
4	4 Wire Sensor					

Code2	Voltage	Current	Potentiometer	Resistor	Load Cell
V1	0~50mV	A1	P1	I1	L1
V2	0~5V	A2	P2	I2	L2
V3	1~5V	A3	P3	I3	L3
V4	0~10V	A4	PO	I4	
V5	0~36V	A5		I5	Temp. (PT-100)
V6	0~300V	A6		IO	T1
V7	0~600V	A7			T2
VO	Option	A8			T3
		A9			T4
		AO			TO

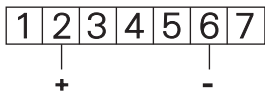
WIRING CONNECTION

Compound Input (S01,S02,S03)

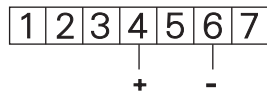


Input Function

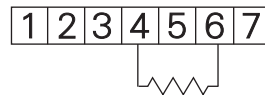
● Voltage(AC,DC)



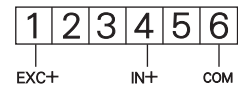
● Current(AC,DC)



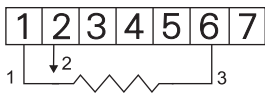
● 2 wire Resistor



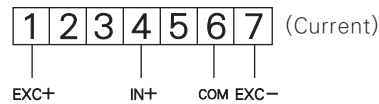
● 2,3 wire sensor(Transmitter)



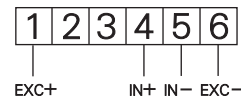
● 3 wire Potentionmeter



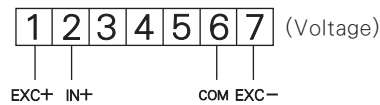
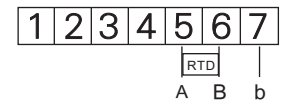
● 4 wire sensor (Transmitter)



● Load cell

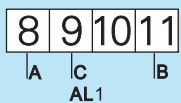


● Temperature (RTD)

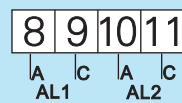


Output Function

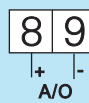
● Relay*1 Output



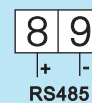
● Relay*2 Output



● Analog Output



● RS485 Output



Power

● AC Power



● DC Power

