

- Accuracy:  $\pm 0.1\%$  F.S.  $\pm 1$  digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)  
 $\pm 0.2\%$  F.S.  $\pm 1$  digit (AC)
- Max. Hold / Data Hold / Reset and 2 display values selectable
- High brightness 0.8" LED display range: -19999~99999 ; decimal point selectable
- Compound & display selectable function available
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / Resistor / PT-100 / Load Cell)
- High stability, non-flammable case (PC), high safety
- CE approval

**SPECIFICATION**

- |                          |  |                            |  |
|--------------------------|--|----------------------------|--|
| ◆ Accuracy:              | $\pm 0.1\%$ F.S. $\pm 1$ digit (DC / Potentiometer / Resistor / PT-100)<br>$\pm 0.2\%$ F.S. $\pm 1$ digit (AC) | ◆ Relay Contact:           | AC 277V / 7A; DC 30V / 7A  |
| ◆ Display Screen:        | High brightness red LED; 20.3mm(0.8")  | ◆ Temperature Coefficient: | 100ppm / °C (0~60°C)   |
| ◆ Sampling Time:         | 16 cycles / sec  | ◆ Operating Temperature:   | 0~60°C   |
| ◆ Display Range:         | -19999~99999   | ◆ Operating Humidity:      | 20~90% RH (non-condensing)   |
| ◆ Zero Adjustment:       | -19999~99999   | ◆ Storage Temperature:     | -10~70°C   |
| ◆ Over Range Indication: | doFL / ioFL or -doFL / -ioFL   | ◆ Storage Humidity:        | 20~90% RH (non-condensing)   |
| ◆ Polarity Indication:   | Automatic with "-" indication  | ◆ Power Supply:            | AC 110/220V $\pm 10\%$ ; DC 24V                                    |
| ◆ Parameters Setting:    | Push buttons   | ◆ Power Consumption:       | 6.5VA with 2 Relays; 3VA without Relay                             |
| ◆ Back Up Memory:        | EEPROM   | ◆ Surge Test:              | 2KVac / 1min (Input / Power)                                       |
| ◆ Alarm Action:          | " $\geq$ (Hi) on" or "< (Lo) on"   | ◆ Input Impedence:         | Voltage: $> 2V$ for $20K\Omega / V$ ; $\leq 2V$ for $> 200M\Omega$ |
| ◆ Alarm Run Delay Time:  | 0~99 sec   | ◆ Dimensions:              | 96(W)*48(H)*110(D) mm  |
|                          |  | ◆ Weight:                  | About 300 g  |

**ORDER INFORMATION**

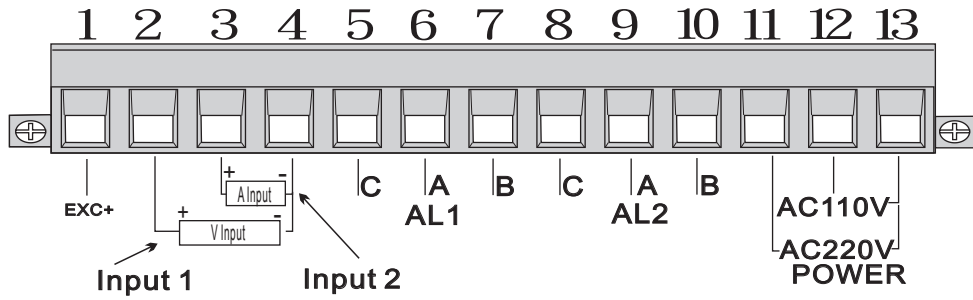
GA5 - [Code 1] - [Code 2] - [Code 3] - [Code 4]

Code 1	Input Type	Code 2	Voltage	Code 2	Current	Code 2	Potentiometer	Code 2	Resistor	Code 2	RTD (PT-100)	Code 2	Load Cell	Code 3	Aux. Power
D	DC	V1	0~50mV	A1	0~20uA	P1	500Ω~10KΩ	I1	0~10Ω	T1	-50~50°C	L1	1mV/V EX.5V	A	AC 110/220V
A	AC AVG	V2	0~5V	A2	0~200uA	P2	10KΩ~100KΩ	I2	0~100Ω	T2	-100~100°C	L2	2mV/V EX.5V	C	DC 24V
M	AC TRMS	V3	1~5V	A3	0~2mA	P3	100KΩ~1MΩ	I3	0~1KΩ	T3	-200~200°C	L3	3mV/V EX.5V		
P	3 Wire Potentiometer	V4	0~10V	A4	0~20mA	PO	Option	I4	0~10KΩ	T4	0~600°C	L4	1mV/V EX.10V		
I	2 Wire Resistor	V5	0~36V	A5	0~200mA			I5	0~100KΩ	TO	Option	L5	2mV/V EX.10V		
T	RTD (PT-100)	V6	0~300V	A6	4~20mA			IO	Option			L6	3mV/V EX.10V		
L	Load Cell	V7	0~600V	A7	0~2A							LO	Option		
2	2, 3 Wire Sensor	VO	Option	A8	0~5A										
4	4 Wire Sensor			A9	0~10A										
S01	Compound Input			AO	Option										
S02	Compound Input														
S03	Compound Input														

- \*\*1: S01 Compound input, Input 1 is 0~10Vdc, Input 2 is 4~20mAdc.  
 2: S02 Compound input, Input 1 is 0~600Vac, Input 2 is 0~5Aac.  
 3: S03 Compound input, Input 1 is 0~600Vdc, Input 2 is 0~50mVdc.  
 4: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) pressure, temperature, humidity sensors using.  
 5: 3.4 wire type offers excitation power DC24V for 3, 4 wire (Loop Power) pressure, temperature, humidity sensors using.  
 6: Load Cell type of excitation power DC5V can have 2 load cell in parallel; DC10V only can offer 1 load cell to use.

# WIRING CONNECTION

- Compound Input (S01, S02, S03)



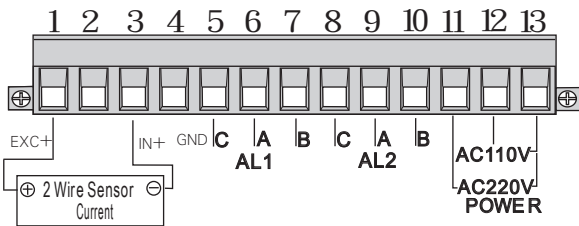
\*\*1: EXC+  $\geq$  15V.

2: Switch i1 for Input 1 parameter of iP.SEL, Switch i2 for Input 2 parameter of iP.SEL (press  $\nabla$  for sec to enter iP.SEL)

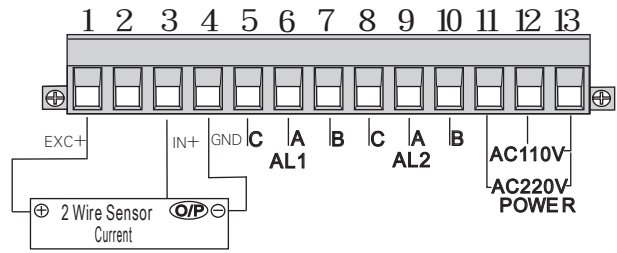
3: 2 wire sensor wiring connection, shown as EX1.

4: 3 wire sensor wiring connection, shown as EX2 & EX3.

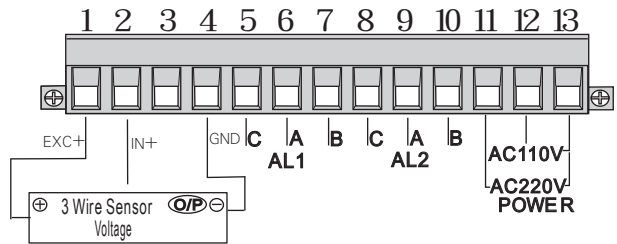
- EX1:



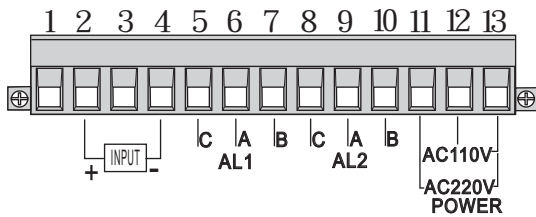
- EX2:



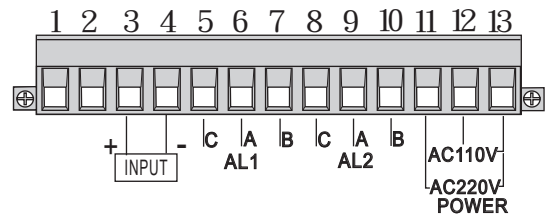
- EX3:



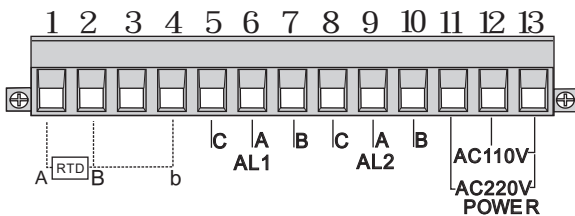
- Voltage (AC, DC)



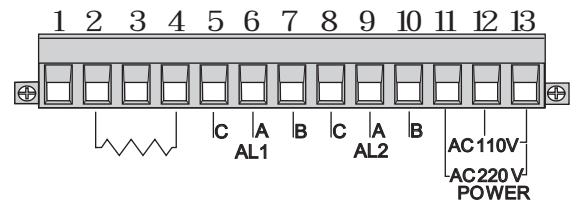
- Current (AC, DC)



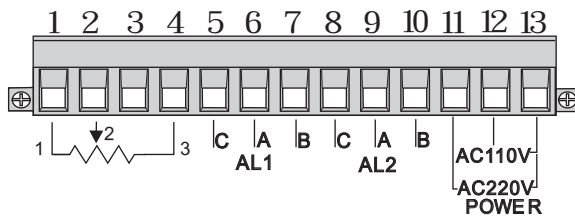
- Temperature (RTD)



- 2 Wire Resistor



- 3 Wire Potentiometer



- 4 Wire Sensor or Load cell

