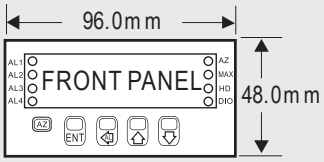
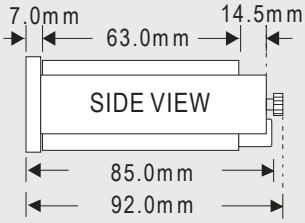
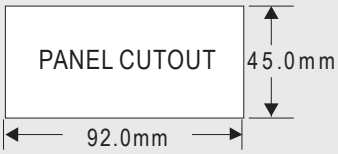
DCbox 4 DIGITS ANALOG INPUT METER

GA4







- Accuracy: ±0.1% F.S. ±1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
  ±0.2% F.S. ±1 digit (AC)
- Max. Hold / Data Hold / Reset and 2 display values selectable
- High brightness 0.8" LED display range: -1999~9999; 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:	±0.1% F.S. ±1 digit (DC / Potentiometer / Resistor/ PT-100) ±0.2% F.S. ± 1 digit (AC)
♦ Display Screen:	High brightness red LED; 20.3mm(0.8")
♦ Sampling Time:	16 cycles / sec
♦ Display Range:	-1999~9999
♦ Zero Adjustment:	-1999~9999
♦ Over Range Indication:	doFL / ioFL or -doFL / -ioFL
♦ Polarity Indication:	Automatic with "-" indication
♦ Parameters Setting:	Push buttons
♦ Back Up Memory:	EEPROM
♦ Alarm Action:	"≧(Hi) on" or "< (Lo) on"
♦ Alarm Run Delay Time:	0~99 sec
♦ Relay Contact:	AC 277V / 7A; DC 30V / 7A
♦ Temperature Coefficient:	100ppm / ℃ (0~60℃)
♦ Operating Temperature:	0~60℃
♦ Operating Humidity:	20~90% RH (non-condensing)
♦ Storage Temperature:	-10~70℃
♦ Storage Humidity:	20~90% RH (non-condensing)
♦ Power Supply:	AC 110/220V ±10%; DC 24V
♦ Power Consumption:	6.5VA with 2 Relays; 3VA without Relay
♦ Surge Test:	2KVac / 1min (Input / Power)
♦ Input Impendence:	Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ Current: ≧0.2A at 100mV; <0.2A at 1V
♦ Dimensions:	96(W)*48(H)*110(D) mm
♦ Weight:	About 300 g

ORDER INFORMATION

GA4 - Code 1 - Code 2 - Code 3 - Code 4

Code 1	Input Type
D	DC
A	AC AVG
M	AC TRMS
P	3 Wire Potentiometer
I	2 Wire Resistor
T	RTD (PT-100)
L	Load Cell
2	2, 3 Wire Sensor
4	4 Wire Sensor
S01	Compound Input
S02	Compound Input
S03	Compound Input

Code 2	Voltage	Code 2	Current	Code 2	Potentiometer	Code 2	Resistor	Code 2	RTD (PT-100)	Code 2	Load Cell
V1	0~50mV	A1	0~20uA	P1	500Ω~10KΩ	I1	0~10Ω	T1	-50~50℃	L1	1mV/V EX.5V
V2	0~5V	A2	0~200uA	P2	10KΩ~100KΩ	I2	0~100Ω	T2	-100~100℃	L2	2mV/V EX.5V
V3	1~5V	A3	0~2mA	P3	100KΩ~1MΩ	I3	0~1KΩ	T3	-200~200℃	L3	3mV/V EX.5V
V4	0~10V	A4	0~20mA	PO	Option	I4	0~10KΩ	T4	0~600℃	L4	1mV/V EX.10V
V5	0~36V	A5	0~200mA			I5	0~100KΩ	TO	Option	L5	2mV/V EX.10V
V6	0~300V	A6	4~20mA			IO	Option			L6	3mV/V EX.10V
V7	0~600V	A7	0~2A							LO	Option
VO	Option	A8	0~5A								
		A9	0~10A								
		AO	Option								

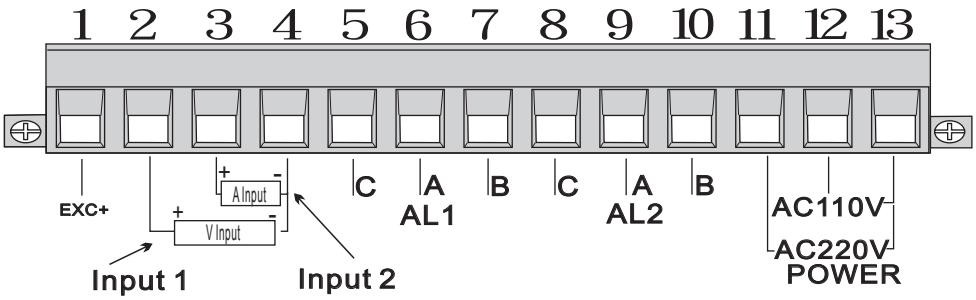
Code 3	Aux. Power
A	AC 110/220V
C	DC 24V

Code 4	Alarm Output
N	None
R1	1 Relay
R2	2 Relays

**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.

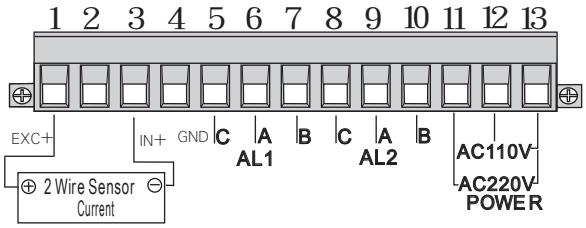
WIRING CONNECTION

● Compound Input (S01, S02, S03)

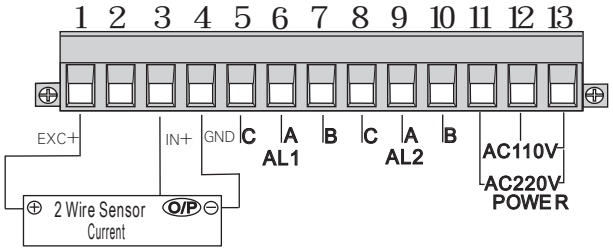


**1: EXC+ ≧15V.
2: Switch i1 for Input 1 parameter of iP.SEL, Switch i2 for Input 2 paramter of iP.SEL (press ▽ for sec to enter iP.SEL)
3: 2 wire sensor wiring connection, shown as EX1.
4: 3 wire sensor wiring connection, shown as EX2 & EX3.

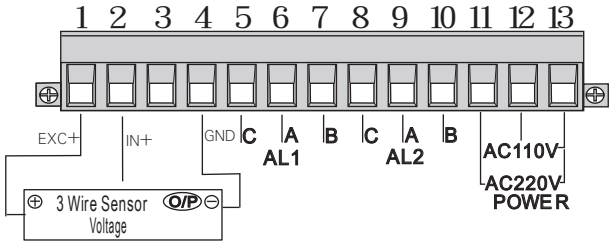
● EX1:



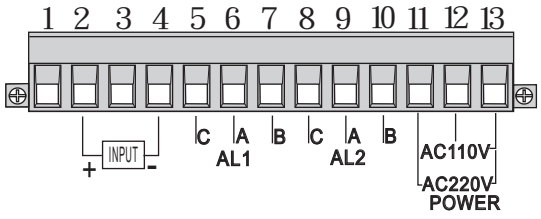
● EX2:



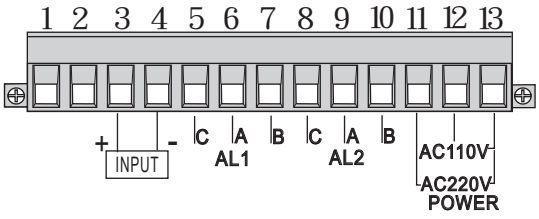
● EX3:



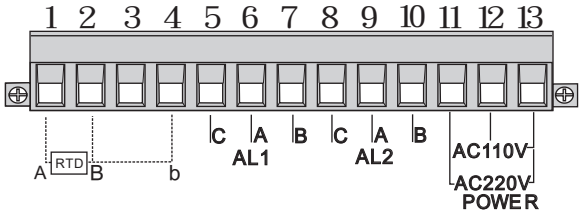
● Voltage (AC, DC)



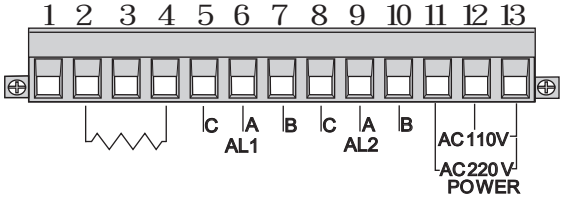
● Current (AC, DC)



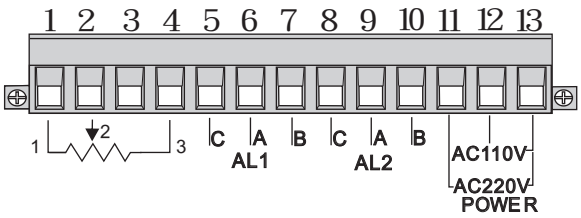
● Temperature (RTD)



● 2 Wire Resistor



● 3 Wire Petentiometer



● 4 Wire Sensor or Load cell