6 DIGITAL DUAL INPUT COMPUTABLE METER

GDA6

■ FEATURES

- Accuracy: ±0.1% F.S. ±1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
  ±0.2% F.S. ±1 digit (AC)
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / Resistor / PT-100 / Load Cell)
- High brightness dual LED display range: -199999~999999; decimal point selectable
- Baud rate up to 38400 bps; sampling time up to 60 cycles / sec
- Math function: ＋/ －/ × / ÷ / AND Hi / AND Lo / Square root
- 1~4 Alarms (Hi or Lo) programmable / Analog output (15 bit resolution) / RS-485 communication optional (The above options can exist together)
- High stability, non-flammable case (PC), high safety

■ ORDER INFORMATION: GDA6 - Code 1 Code 2 Code 3 - Code 4 - Code 5 Code 6 Code 7

C1	Input Type
D	DC Signal
A	AC Average
M	AC TRMS
T	RTD(PT-100)
2	2 Wires Transmitter
3	3 Wires Transmitter
L	Loadcell
P	3 Wires Potentialmeter
I	2 Wires Resistor

C2	Input A
1	0~50mV
2	0~10V
3	0~300V
4	0~20mA
5	4~20mA
O	Option

C3	Input B
1	0~50mV
2	0~10V
3	0~300V
4	0~20mA
5	4~20mA
O	Option

C4	Aux. Power
A	AC/DC 100~240V
D	AC/DC 22~60V

C5	Alarm Output
N	None
R2	2 Relays
R3	3 Relays
R4	4 Relays
O2	2 O.C.
O3	3 O.C.
O4	4 O.C.

C6	Output 1
N	None
A	4~20mA
V	0~10V
L	Loop Power 4~20mA
Y	Rs485
O	Option

C7	Output 2
N	None
A	4~20mA
V	0~10V
L	Loop Power 4~20mA
Y	Rs485
O	Option

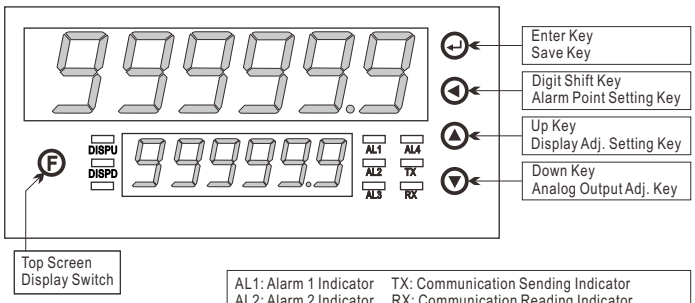
※Note:

1. Option "O" is for the type not in this table,
   if take 2 PT100 input and measuring range is 0~100℃, it have to using GDA6-TOO-..., and note the input range in your order.
2. 2 wire type offers excitation power DC24V for 2 wire (Loop Power) pressure, temperature, humidity sensors using.
3. Load Cell type of excitation power DC5V can have 2 load cell in parallel; DC10V only can offer 1 load cell to use.
4. 3 / 4 Relays output only can be NO output type. O.C. (Open Collect) output is for NPN type.

■ SPECIFICATION

- ♦ Accuracy: ±0.1% F.S. ±1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
  ±0.2% F.S. ±1 digit (AC)
- ♦ Display Screen: High brightness red LED; 14.22mm(0.56")
- ♦ Sampling Time: 60 cycles / sec
- ♦ Display Range: -199999~999999
- ♦ Zero Adjustment: -199999~999999
- ♦ 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
- ♦ 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: 38400 / 19200 / 9600 / 4800 bps
- ♦ 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/DC 100~240V; AC/DC 22~60V
- ♦ Power Consumption: 11VA (all functions output)
- ♦ Surge Test: 1.5KVac / 1min (Input / Power)
- ♦ Input Impendence: Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ
  Current: ≧0.2A at 100mV; <0.2A at 1V

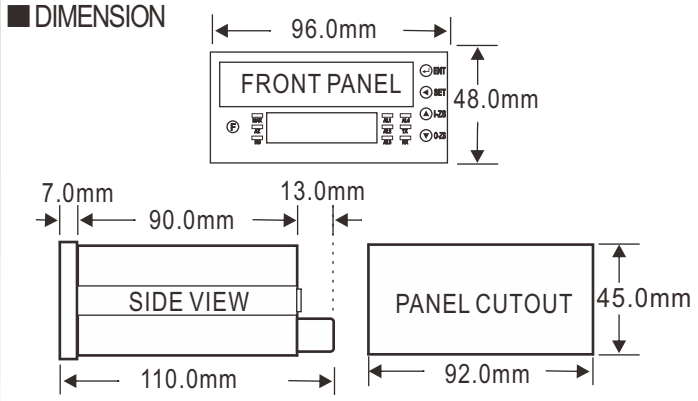
■ FRONT PANEL & KEY FUNCTIONS



AL1: Alarm 1 Indicator TX: Communication Sending Indicator
AL2: Alarm 2 Indicator RX: Communication Reading Indicator
AL3: Alarm 3 Indicator DISPU: Top Screen Display Value Indicator
AL4: Alarm 4 Indicator DISPD: Botom Screen Display Value Indicator

*DISPU/DISPD Indicator:
ON: INPUT A; OFF: INPUT B; FLASHING: MATH RESULT

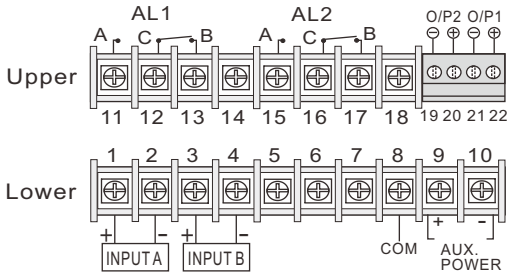
■ DIMENSION



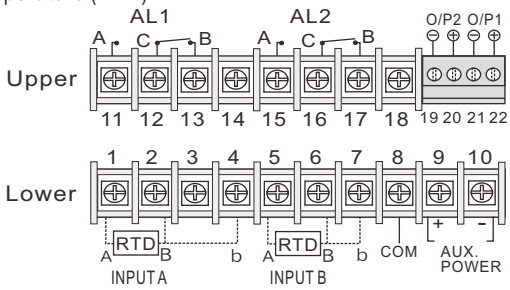
■ WIRING CONNECTION

1 / 2 Alarms Output Type:

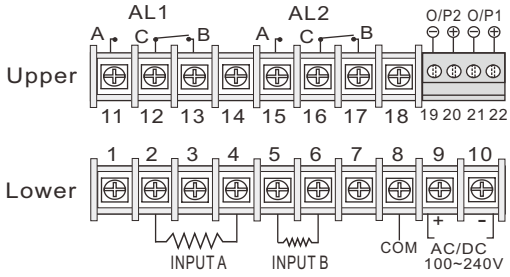
● Voltage, Current (AC, DC)



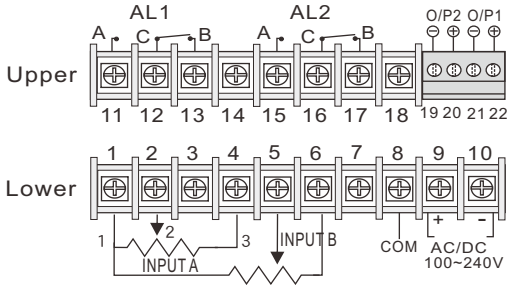
● Temperature (RTD)



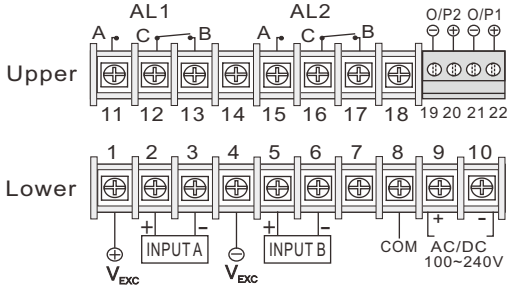
● 2 Wires Resistor



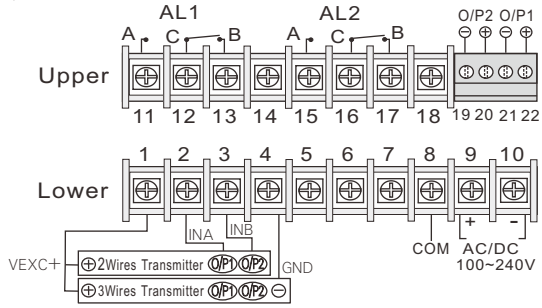
● 3 Wires Petentiometer



● 4 Wires Sensor or Load cell

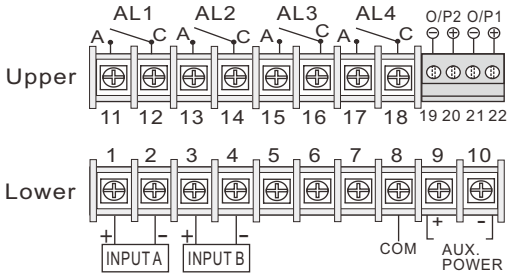


● 2,3 Wires Sensor

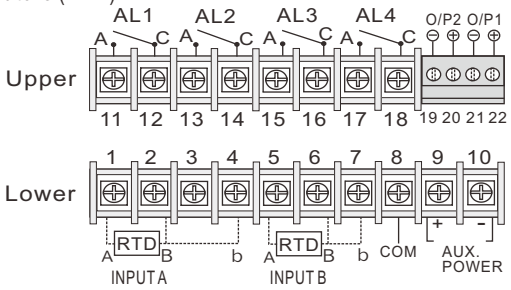


3 / 4 Alarms Output Type:

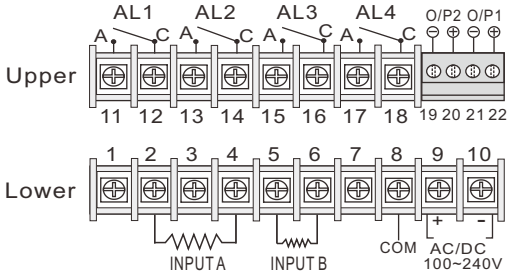
● Voltage, Current (AC, DC)



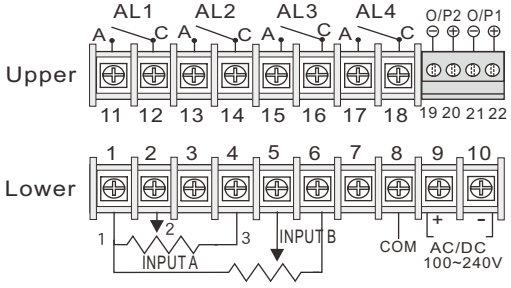
● Temperature (RTD)



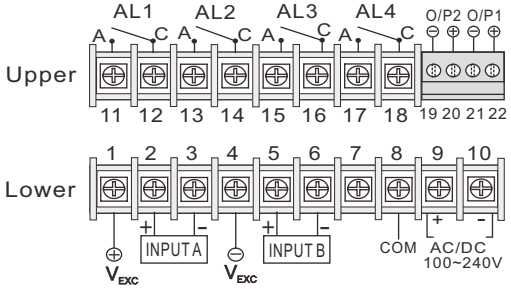
● 2 Wires Resistor



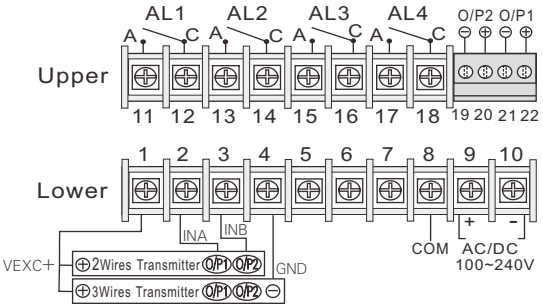
● 3 Wires Petentiometer



● 4 Wires Sensor or Load cell



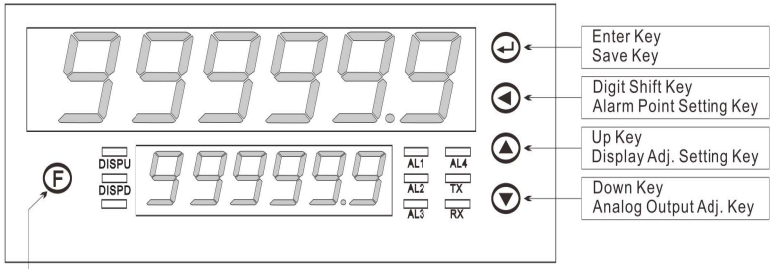
● 2,3 Wires Sensor



GDA6 6 DIGITAL DUAL INPUT COMPUTABLE METER MANUAL

* Please understand key indicators & functions at the first operation.

1.1 FRONT PANEL



AL1: Alarm 1 Indicator TX: Communication Sending Indicator
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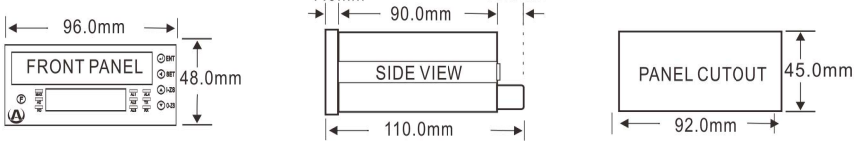
*DISPU/DISPD Indicator:
ON: INPUT A; OFF: INPUT B; FLASHING: MATH RESULT

1.2 KEY FUNCTIONS

Symbol	Key Name	Descriptions
Ⓩ	Function Key	1. In the measuring status, press this key can enable the setting function. (AZ or MrSt or HD)
ENT	Enter Key & Save Key	1. In the measuring status, press this key can enter to parameter groups. 2. In the parameter setting, press this key can save the value & go to the next parameter.
⇦	Shift Key & Alarm Setting Key	1. In the measuring status, press this key for 3 sec can enter to Alarm Setpoint Modification. 2. In the parameter page, press this key can enter to parameter setting. 3. In the parameter setting, press this key can move the cursor left.
⇧	Up Key & Display Group Setting Key	1. In the measuring status, press this key for 3 sec can enter to Display Group Setting. 2. In the parameter page, press this key can back to the last parameter page. 3. In the parameter setting, press this key can increase the digit.
⇩	Down Key & A/O Group Setting Key	1. In the measuring status, press this key for 3 sec can enter to A/O Group Setting. 2. In the parameter page, press this key can go to the next parameter page. 3. In the parameter setting, press this key can decrease the digit.
⇧ + ⇩	Compound Key	1. In any status, press this key can back to measuring status. 2. While the buzzer acts, press this key can mute the buzzer.

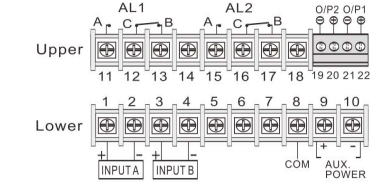
1.3 DIMENSIONS



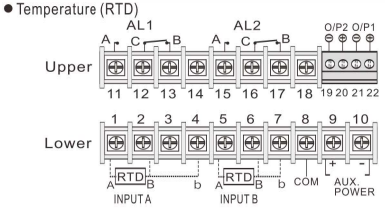
■WIRING CONNECTION

1 / 2 Alarms Output Type:

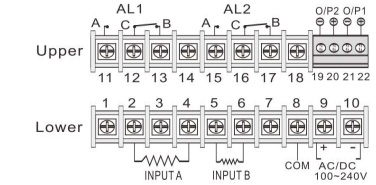
● Voltage, Current (AC, DC)



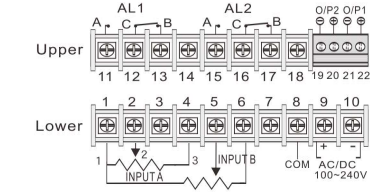
● Temperature (RTD)



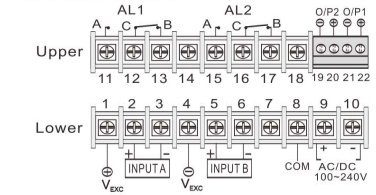
● 2 Wires Resistor



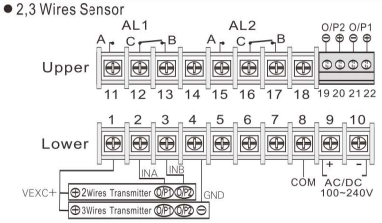
● 3 Wires Petentiometer



● 4 Wires Sensor or Load cell

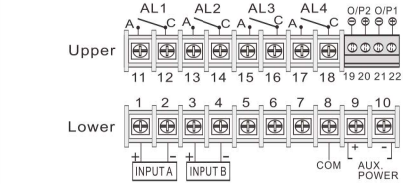


● 2,3 Wires Sensor

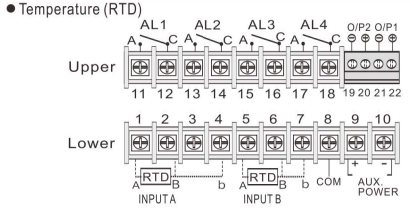


3 / 4 Alarms Output Type:

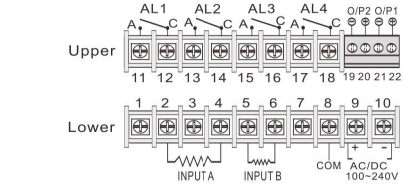
● Voltage, Current (AC, DC)



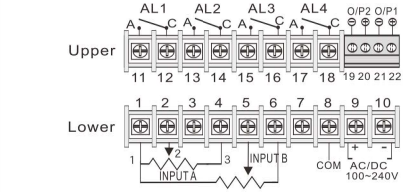
● Temperature (RTD)



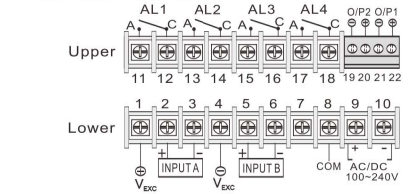
● 2 Wires Resistor



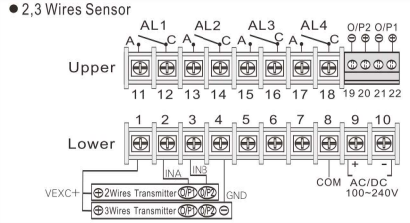
● 3 Wires Petentiometer



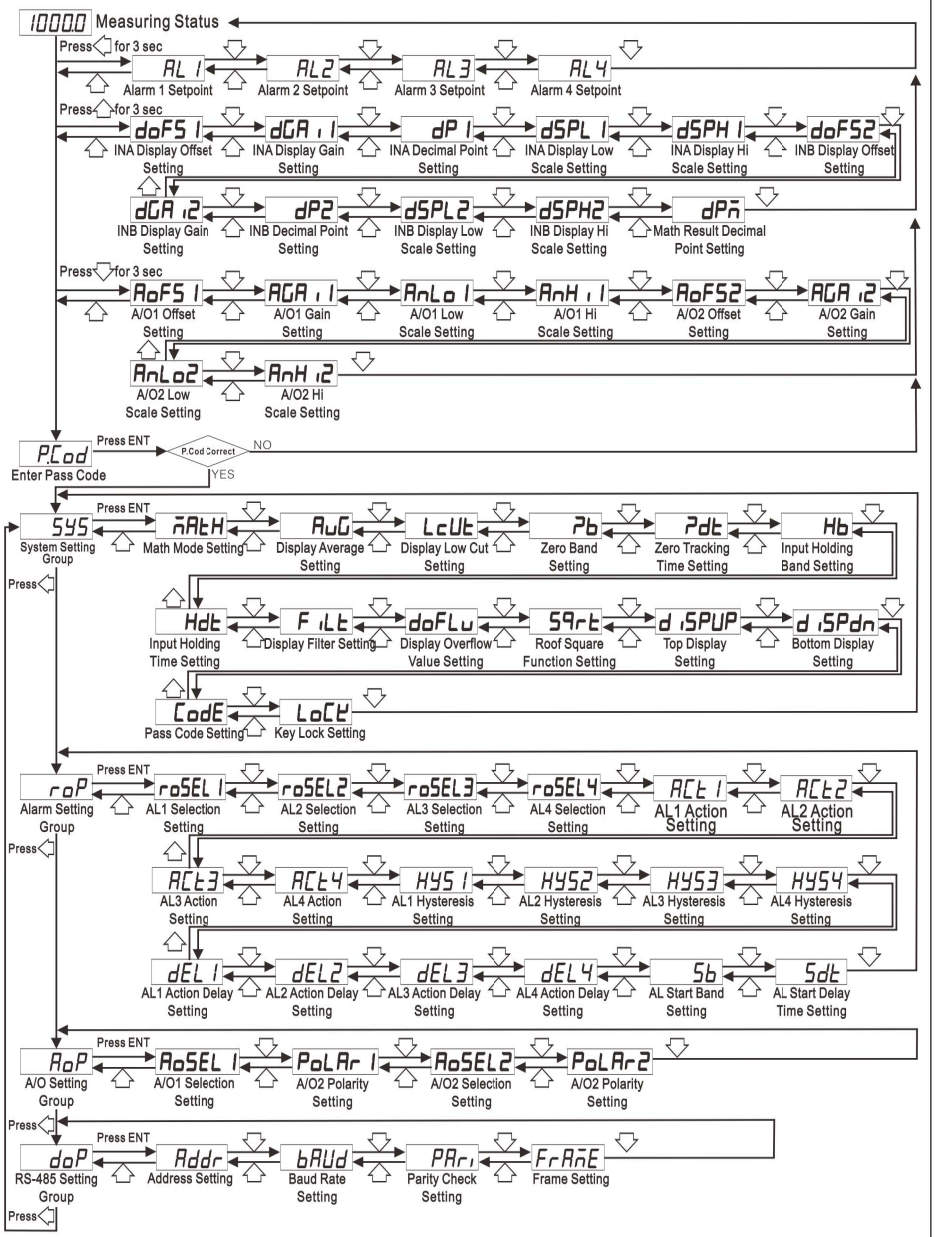
● 4 Wires Sensor or Load cell



● 2,3 Wires Sensor



2.1 OPERATING SEQUENCE



2.2 ALARM SETPOINT MODIFICATION

* In the measuring status, press ◁ for 3 sec can enter to Alarm Setpoint Modification.

Display	Default	Name	Descriptions
AL 1	00000	Alarm 1 Setpoint (AL1)	Setting the Alarm Setpoint. Setting Range: -199999~999999
AL2	00000	Alarm 2 Setpoint (AL2)	
AL3	00000	Alarm 3 Setpoint (AL3)	
AL4	00000	Alarm 4 Setpoint (AL4)	

2.3 DISPLAY SETTING

* In the measuring status, press △ for 3 sec can enter to Display Group Setting.

Display	Default	Name	Descriptions
doFS 1	000000	INA Display Offset Setting (doFSt1)	Setting Display Value Offset of INA. Setting Range: 199999~999999 EX. The display value have 2 counts offset, then doFSt set to 2.
dGA .1	100000	INA Display Gain Setting (dGAin1)	Setting, the display Gain of INA. Setting Range: 0.00001~9.99999 New display value = [Origin display value] * dGAin
dP 1	0.	INA Decimal Point Setting (dp1)	Select Decimal Point of INA. Setting Range: 0, 1, 2, 3, 4, 5
dSPL 1	000000	INA Display Low Scale Setting (dSPL1)	Setting the Display Low Scale of INA. Setting Range: -199999~999999 EX. If the input range is 4~20mA, and the 4 mA is for -50.0℃ the dSPL set to -50.0. **Note: In this page, Press F key can calibrate Zero Point from the input signal.**
dSPH 1	999999	INA Display Hi Scale Setting (dSPH1)	Setting the Display High Scale of INA. Setting Range: -199999~999999 EX. If the input range is 4~20mA, and the 20 mA is for 200.0℃ the dSPH set to 200.0. **Note: In this page, Press F key can calibrate Span Point from the input signal.**
doFS2	000000	INB Display Offset Setting (doFSt2)	Setting Display Value Offset of INB. Setting Range: 199999~999999 EX. The display value have 2 counts offset, then doFSt set to 2.
dGA .2	100000	INB Display Gain Setting (dGAin2)	Setting, the display Gain of INB. Setting Range: 0.00001~9.99999 New display value = [Origin display value] * dGAin
dP2	0.	INBDecimal Point Setting (dp2)	Select Decimal Point of INB. Setting Range: 0, 1, 2, 3, 4, 5
dSPL2	000000	INB Display Low Scale Setting (dSPL2)	Setting the Display Low Scale of INB. Setting Range: -199999~999999 EX. If the input range is 4~20mA, and the 4 mA is for -50.0℃ the dSPL set to -50.0. **Note: In this page, Press F key can calibrate Zero Point from the input signal.**
dSPH2	999999	INB Display High Scale Setting (dSPH2)	Setting the Display High Scale of INB. Setting Range: -199999~999999 EX. If the input range is 4~20mA, and the 20 mA is for 200.0℃ the dSPH set to 200.0. **Note: In this page, Press F key can calibrate Span Point from the input signal.**
dPn	0.	Math Result Decimal Point Setting (dpM)	Select Decimal Point of the Math Result. Setting Range: 0, 1, 2, 3, 4, 5

2.4 A/O SETTING

* In the measuring status, press ▽ for 3 sec can enter to A/O Group Setting.

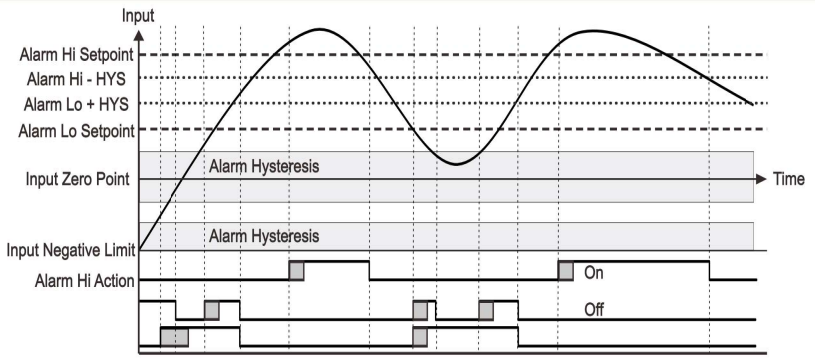
Display	Default	Name	Descriptions
AoFS1	000000	A/O Offset Setting (AoFSt1)	Setting Analog Output Offset of AO1. Setting Range: -9999~9999
AGA i1	000000	A/O Gain Setting (AGAin1)	Setting Analog Output Gain of AO1. Setting Range: -9999~9999
AnLo1	000000	A/O Low Scale Setting (AnLo1)	Setting Analog Output Low Scale of AO1. Setting Range: -199999~999999 EX. If needed output 4mA when displayed -50.0, set AnLo = -50.0
AnHi1	999999	A/O High Scale Setting (AnHi1)	Setting Analog Output High Scale of AO1. Setting Range: -199999~999999 EX. If needed output 20mA when displayed value is 200.0, set AnHi = 200.0
AoFS2	000000	A/O Offset Setting (AoFSt2)	Setting Analog Output Offset of AO2. Setting Range: -9999~9999
AGA i2	000000	A/O Gain Setting (AGAin2)	Setting Analog Output Gain of AO2. Setting Range: -9999~9999
AnLo2	000000	A/O Low Scale Setting (AnLo2)	Setting Analog Output Low Scale of AO2. Setting Range: -199999~999999 EX. If needed output 4mA when displayed -50.0, set AnLo = -50.0
AnHi2	999999	A/O Hi Scale Setting (AnHi2)	Setting Analog Output High Scale of AO2. Setting Range: -199999~999999 EX. If needed output 20mA when displayed value is 200.0, set AnHi = 200.0

2.5 ERROR CODE OF SELF-DIAGNOSIS

Display	Descriptions	Display	Descriptions
ioFL	Input signal is over 120% of input range.	doFL	Input signal is over display range (999999).
-ioFL	Input signal is under -10% of input range.	-doFL	Input signal is under display range (-199999).
AdEr	Input signal is over 180% of input ragne or meter circuit is broken.	E-oo	EEPROM reading / writing suffers the interference (about 1 million times).

** Please check the wiring connection is correct first, if the problem still exist, please return the meter to the factory.

2.6 ALARM OUTPUT ACTION SEQUENCE



3.1 SYSTEM (SYS) SETTING GROUP PROCEDURE

* While Pass Code is correct, Press ◁ can select System Setting Group.

Display	Default	Name	Descriptions
SyS		System Setting Group(SyS)	
MAtH	oFF	Operation Mode Setting(MAtH)	Select the operation mode of INA and INB. Setting Range: AddAB, SubAB, MulAB, DivAB, AndHi, AndLo, OFF
AvG	0000 10	Display Average Setting(AvG)	Setting the average times, this setting can make the display value stable, but if the setting is too large, it will make the response slow. Setting Range:1~99 (Times)
LCUt	000000	Display Low Cut Setting(LCUt)	Setting the low-cut value, the display value will be 0 when it is lower than this setting. Setting Range: 0~9999
Zb	000000	Zero Band Setting(Zb)	Setting the zero band (zero stable rate) * Zb = stable value ÷ max scale × 1000 EX: If need zero stable value is ±0.5 and the max scale is 600.0, the Zb = 0.5 ÷ 600.0 × 1000 = 0.833 Setting Range: 0~9.999
Zdt	000000	Zero Tracking Time Setting (Zdt)	Setting the zero tracking time, the display value will be zero when the increasing rate is lower than Zb and under this setting time. (P.S.: This function must be used with Zb>0) Setting Range: 0~99 (sec)
Hb	000000	Input Holding Band Setting (Hb)	Setting the input holding band(stable rate) * Hb = stable value ÷ max scale × 1000 EX: If need stable value is ±0.5 and the max scale is 600.0, the Hb = 0.5 ÷ 600.0 × 1000 = 0.833 Setting Range: 0~9.999
Hdt	000000	Input Holding Time Setting (Hdt)	Setting the input holding time, the display value will be holding when the increasing rate is lower than Hb and under this setting time. (P.S.: This function must be used with Hb>0) Setting Range: 0~99 (sec)
FiLt	1	Display Filter Setting(FiLt)	Setting the display filter, if set to 1, normal display mode: 0,1,2,3,4..... if set to 2, display mini scale is 2: 0,2,4,6,8..... if set to 5, display mini scale is 5: 0,5,10,15..... if set to 0, display mini scale is 10: 0, 10, 20, 30.... Setting Range:0, 1, 2, 5
doFLu	999999	Display Overflow Value Setting (doFLv.)	Setting the display overflow value, the display will be "doFLu" when higher than this setting. Setting Range: 0~999999
Sqrt	OFF	Square Root Function Setting (Sqrt)	Setting the squareroot function. Setting Range: oFF(Close), IPA(Input A), IPB(Input B), IPAB(Input A & B)
diSPUP	rAtEA	Top Display Setting(diSPUP)	Select the display value of bottom screen. Setting Range: RATEA, RATEB, MATH
diSPdn	rAtEA	Bottom Display Setting(diSPdn)	Select the display value of bottom screen. Setting Range: RATEA, RATEB, MATH
CodE	000000	Pass Code Setting (P.Cod)	Setting the pass code. Setting Range:0~19999 PS: Please don't forget the new pass code after modification.
LoCK	no	Key Lock Setting (LoCK)	Lock the keys, it is only can view the setting when locked. Setting Range: no (unlock), YES (lock)

3.2 ALARM (roP) SETTING GROUP PROCEDURE

* While Pass Code is correct, Press ◁ can select Alarm Output Setting Group.

Display	Default	Name	Descriptions
roP		Alarm Output Setting Group(roP)	
roSEL1	rAtEA	AL1 Selection Setting(roSL1)	Select the alarm corresponding. Setting range: rAtEA(inputA),RATEB(inputB),MAtH(math result).
roSEL2	rAtEA	AL2 Selection Setting(roSL2)	
roSEL3	rAtEA	AL3 Selection Setting(roSL3)	
roSEL4	rAtEA	AL4 Selection Setting(roSL4)	
ACt1	Hi	AL1 Action Setting(ACt1)	Setting the alarm action. Setting range: Hi(Alarm action when display value ≧ AL), Lo(Alarm action when display value < AL)
ACt2	Hi	AL2 Action Setting(ACt2)	
ACt3	Hi	AL3 Action Setting(ACt3)	
ACt4	Hi	AL4 Action Setting(ACt4)	
HYS1	000000	AL1 Hysteresis Setting(HYS1)	Setting the alarm hysteresis. Alarm close when, if ACT=HI, the display value < (AL-HYS) or ACT=Lo, display value > (AL+HYS) Setting range: 0~9999
HYS2	000000	AL2 Hysteresis Setting(HYS2)	
HYS3	000000	AL3 Hysteresis Setting(HYS3)	
HYS4	000000	AL4 Hysteresis Setting(HYS4)	
dEL1	000000	AL1 Action Delay Setting(dEL1)	Setting the alarm action delay time. Alarm action after this setting time. Setting range: 0~99 sec
dEL2	000000	AL2 Action Delay Setting(dEL2)	
dEL3	000000	AL3 Action Delay Setting(dEL3)	
dEL4	000000	AL4 Action Delay Setting(dEL4)	
Sb	000000	AL Start Band Setting(Sb)	Setting the alarm start band. Alarm will be enable when display value large than this setting. Setting range: -99~99
Sdt	000000	AL Start Delay Time Setting(Sdt)	Setting the alarm start delay time Alarm will be enable when display value large than Sb and pass this setting time. Setting range: 0~99 sec

3.3 A/O (AoP) SETTING GROUP PROCEDURE

* While Pass Code is correct, Press ◁ can select A/O Setting Group.

Display	Default	Name	Descriptions
AoP		Analog Output Setting Group(AoP)	
AoSL1	rAtEA	A/O1 Selection Setting(AoSL1)	Select the A/O1 corresponding. Setting range: rAtEA(inputA),RATEB(inputB),MAtH(math result).
PoLA1	no	A/O1 Polarity Setting(PoLAr1)	Setting the A/O1 polarity Setting range: no(posstive output), YES(negative output).
AoSL2	rAtEA	A/O2 Selection Setting(AoSL2)	Select the A/O2 corresponding. Setting range: rAtEA(inputA),RATEB(inputB),MAtH(math result).
PoLA2	no	A/O2 Polarity Setting(PoLAr2)	Setting the A/O2 polarity Setting range: no(posstive output), YES(negative output).

3.4 RS-485 (doP) SETTING GROUP PROCEDURE

* While Pass Code is correct, Press ◁ can select RS-485 Setting Group.

Display	Default	Name	Descriptions
doP		Digital Communication Setting Group(doP)	
Addr	000000	Address Setting (Addr)	Setting the address. Setting range: 0~255
bAUd	38400	Baud Rate Setting(bAUd)	Setting the baudrate. Setting range: 38400, 19200, 9600, 4800 (bps)
PAri	n.8.2	Parity Check Setting(PAri)	Setting the parity check bit. Setting range: n.8.2, n.8.1, EvEn, Odd
FrAmE	no	Frame Setting (FrAME)	Setting the data frame. Setting range: no(MSB->LSB), YES(LSB->MSB).

4.1 Modbus RTU Mode Protocol Address Map

** Data type:16/32 Bit, Range:8000~7FFF (-32768~32767), 800000007FFFFFFF (-2147483648~2147483647)

Modbus	Hex	Name	ACT	Descriptions
40001	0000	ID	R	Model Code: 44H
40002	0001	FUNC	R	
40003	0002	STATUS	R/W	Alarm Status & DI Status, Range: 0000~00F0 (0~240) Bit7:AL4, Bit6:AL3, Bit5:AL2, Bit4:AL1
40004	0003	FUNC1	R/W	FN1, Range: 0000~00FF (0~255) Bit7:LOCK, Bit6:FRAME, Bit5:ACT4, Bit4:ACT3, Bit3:ACT2, Bit2:ACT1, Bit1:POLAR2, Bit0: POLAR1
40005	0004	FUNC2	R/W	FN2, Range: 0000~00FF (0~255) Bit7/Bit6:AOSEL2, Bit5/Bit4:AOSEL1, Bit3/Bit2:DISPDN, Bit1/Bit0:DISPUP
40006	0005	FUNC3	R/W	FN3, Range: 0000~00FF (0~255) Bit7/Bit6:ROSEL4, Bit5/Bt4:ROSEL3, Bit3/Bit2:ROSEL2, Bit1/Bit0:ROSEL1
40007	0006	FUNC4	R/W	FN4, Range: 0000~00FF (0~255) Bit7-Bit4:FILT, Bit3-Bit0(0-5):DP1
40008	0007	FUNC5	R/W	FN5, Range: 0000~00FF (0~255) Bit7-Bit4:SQRT, Bit3-Bit0(0-5):DP2
40009	0008	FUNC6	R/W	FN6, Range: 0000~00FF (0~255) Bit7-Bit4:MATH, Bit3-Bit0(0-5):DPM
40010	0009	BAUD	R/W	Baudrate, Range: 0000~0003 (0~3); 0: 38400, 1: 19200, 2: 9600, 3: 4800
40011	000A	PARI	R/W	Parity, Range: 0000~0003 (0~3):0: n.8.2., 1: n.8.1., 2: EvEn, 3: odd
40012	000B	AVG	R/W	Average Times, Range: 0001~0063 (1~99)
40013	000C	ADDR	R/W	Address, Range: 0000~00FF (0~255)
40014	000D	DEL1	R/W	Alarm1 Delay Time, Range: 0000~0063 (0~99)
40015	000E	DEL2	R/W	Alarm2 Delay Time, Range: 0000~0063 (0~99)
40016	000F	DEL3	R/W	Alarm3 Delay Time, Range: 0000~0063 (0~99)
40017	0010	DEL4	R/W	Alarm4 Delay Time, Range: 0000~0063 (0~99)
40018	0011	SB	R/W	Alarm Start Band, Range: FF9D~0063 (-99~99)
40019	0012	SDT	R/W	Alarm Start Delay Time, Range: 0000~0063 (0~99)
40020	0013	ZDT	R/W	Input Zero Tracking Delay Time, Range: 0000~0063 (0~99)
40021	0014	HDT	R/W	Input Holding Delay Time, Range: 0000~0063 (0~99)
40022	0015	LCUT	R/W	Lowcut, Range: 0000~270F (0~9999)
40023	0016	ZB	R/W	Input Zero Tracking Band, Range: 0000~270F (0~9999)
40024	0017	HB	R/W	Input Holding Band, Range: 0000~270F (0~9999)
40025	0018	HYS1	R/W	Alarm1 Hysteresis, Range: 0000~270F (0~9999)
40026	0019	HYS2	R/W	Alarm2 Hysteresis, Range: 0000~270F (0~9999)
40027	001A	HYS3	R/W	Alarm3 Hysteresis, Range: 0000~270F (0~9999)
40028	001B	HYS4	R/W	Alarm4 Hysteresis, Range: 0000~270F (0~9999)
40029	001C	CODE	R/W	Pass Code, Range: 0000~4E1F (0~19999)
40030	001D	AOFST1	R/W	A/O1 Offset, Range: D8F1~270F (-9999~9999)
40031	001E	AGAIN1	R/W	A/O1 Gain, Range: D8F1~270F (-9999~9999)
40032	001F	AOFST2	R/W	A/O2 Offset, Range: D8F1~270F (-9999~9999)
40033	0020	AGAIN2	R/W	A/O2 Gain, Range: D8F1~270F (-9999~9999)
40034	0021	ANLO1	R/W	A/O1 Low Scale, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40035	0022		R/W	A/O1 Low Scale, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40036	0023	ANHI1	R/W	A/O1 High Scale, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40037	0024		R/W	A/O1 High Scale, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40038	0025	ANLO2	R/W	A/O2 Low Scale, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40039	0026		R/W	A/O2 Low Scale, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40040	0027	ANHI2	R/W	A/O2 High Scale, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40041	0028		R/W	A/O2 High Scale, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40042	0029	DSPL1	R/W	Display1 Low Scale, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40043	002A		R/W	Display1 Low Scale, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40044	002B	DSPH1	R/W	Display1 High Scale, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40045	002C		R/W	Display1 High Scale, Range: FFFCF2C1~000F423F (-199999~999999) LSB

		Name	ACT	Descriptions
40046	002D	DSPL2	R/W	Display2 Low Scale, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40047	002E		R/W	Display2 High Scale, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40048	002F	DSPH2	R/W	Display2 High Scale, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40049	0030		R/W	Display2 High Scale, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40050	0031	DOFST1	R/W	Display1 Offset, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40051	0032		R/W	Display1 Offset, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40052	0033	DGAIN1	R/W	Display1 Gain, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40053	0034		R/W	Display1 Gain, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40054	0035	DOFST2	R/W	Display2 Offset, Range: 00000001~000F423F (1~999999) MSB
40055	0036		R/W	Display2 Offset, Range: 00000001~000F423F (1~999999) LSB
40056	0037	DGAIN2	R/W	Display2 Gain, Range: 00000000~000F423F (0~999999) MSB
40057	0038		R/W	Display2 Gain,, Range: 00000000~000F423F (0~999999) LSB
40058	0039	DOFLV	R/W	Display Overflow, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40059	003A		R/W	Display Overflow, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40060	003B	AL1	R/W	Alarm1 Set Point, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40061	003C		R/W	Alarm1 Set Point, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40062	003D	AL2	R/W	Alarm2 Set Point, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40063	003E		R/W	Alarm2 Set Point, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40064	003F	AL3	R/W	Alarm3 Set Point, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40065	0040		R/W	Alarm3 Set Point, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40066	0041	AL4	R/W	Alarm4 Set Point, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40067	0042		R/W	Alarm4 Set Point, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40068	0043	RATE1	R	INA Value, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40069	0044		R	INA Value, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40070	0045	RATE2	R	INB Value, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40071	0046		R	INB Value, Range: FFFCF2C1~000F423F (-199999~999999) LSB
40072	0047	CAL_ANS	R	Math Result, Range: FFFCF2C1~000F423F (-199999~999999) MSB
40073	0048		R	Math Result, Range: FFFCF2C1~000F423F (-199999~999999) LSB