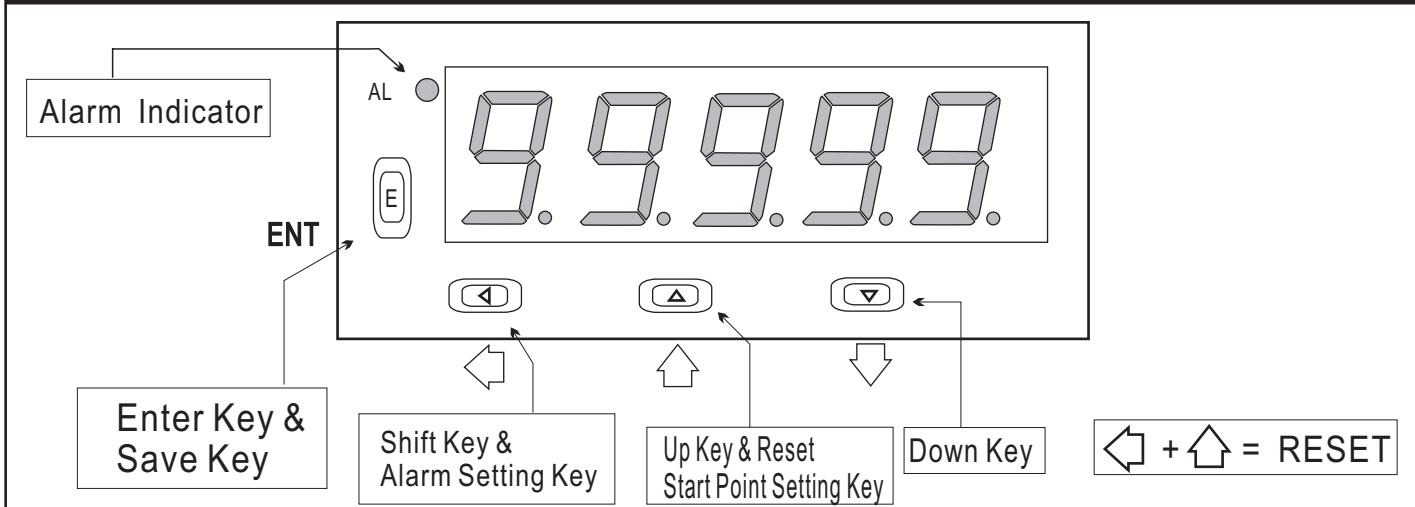


\* Please understand key indicators & functions at the first operation.

FRONT PANEL & KEY FUNCTIONS



Key Name	Symbol	Descriptions
Enter Key & Save Key	ENT	1. In the measuring status, press this key can enter to parameter pages. 2. In the parameter setting, press this key can save the value & go to next parameter.
Shift Key & Alarm Setting Key	⇐	1. In the measuring status, press this key for 3 sec can enter to alarm setting page. (The selecting digit will be flashed) 2. In the parameter setting, press this key can move the cursor left.
Up Key & Reset Start Point Setting Key	⇑	1. In the measuring status, press this key for 3 sec can enter to reset start point setting adjustment. 2. In the parameter setting, press this key can increase the digits.
Down Key	⇓	1. In the parameter setting, press this key can decrease the digits.

- \*\*1. The following block charts are parameters codes, parameter codes & parameters will alternate flashing if the parameters can be modified.
- 2. To modify the parameters, please press ⇐⇑⇓, and press ENT to save the parameters after the modification.
- 3. Please don't forget the new pass code after modification.
- 4. In any pages, press ⇑ & ⇓, or don't press any keys for 2 minutes that will back to measuring status.
- 5. In the measuring status, press ⇐ & ⇑ can reset the digits.

GENERAL MODE OPERATING PROCEDURES

Block Charts	Display	Descriptions	Default
Power On		Alarm Setpoint	
	Measuring Status	Present value for measurement.	
	Alarm Setpoint (AL)	Press ⇐⇑⇓ to modify alarm setpoint.	00000
		Reset Start Point	
	Measuring Status	Present value for measurement.	
	Reset Start Point Setting(rSt)	Press ⇐⇑⇓ to modify reset start point.	00000

# PROGRAMMING MODE OPERATING PROCEDURES

Block Charts	Display	Descriptions	Default
Power ON	10000	Measuring Status	
Press ENT	P.Cod	Pass Code (P.Cod)	00000
Press ENT	P.Code Correct	Pass code is correct that will enter to parameter groups. Pass code is wrong that will back to measuring status.	
Press ←	SYS	System Setting Page (SYS)	
Press ENT	dP	Decimal Point Setting (dP)	0
Press ENT	tYPE	Input Type Setting (tYPE)	Customers specify
Press ENT	ACCU	1A2B Accurate Setting (ACCU)	Customers specify
Press ENT	SCALE	Scale Coefficient Adjustment (SCALE)	1.0000
Press ENT	diu	Pre-Division Setting (div)	00001
Press ENT	CodE	Pass Code Setting (CodE)	00000
Press ENT	LoCK	Key Lock Setting (LoCK)	no
<b>Alarm Setting Group Procedures</b>			
Press ←	roP	Alarm Setting Page (roP)	<b>The following steps are not available for alarm output.</b>
Press ENT	ACt	Alarm Action Setting (ACt)	Hi
Press ENT	oP.modE	Alarm Mode Setting (oP.ModE)	00000
Press ENT	oP.tiME	Alarm Run Time Setting (oP.tiME)	00000

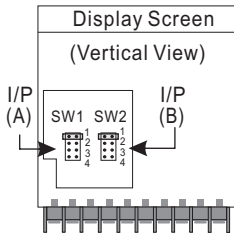
## Error Code of Self-Diagnosis

Display	Descriptions	Remark
E-00	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.

### \*\*Relay Output Mode Descriptions:

- N: (Manual); the relay is on when the present value reaches the alarm setpoint, the present value is still counted and the relay don't deactivate until manual reset by "reset key" or "external control terminal". Then the present value is reset to zero.
- R: (Return); the relay is on when the present value reaches the alarm setpoint, the present value is counted until the relay output time is terminated. Then the present value is reset to zero.
- C: (Continue); the relay is on when the present value reaches the alarm setpoint, the present value is reset to zero. And the relay is still on until the relay output time is terminated.

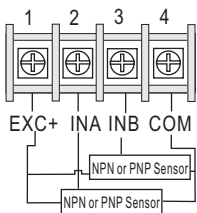
# Input Signal Modification



\*\*To Select the pin to modify the input signal for different sensors.  
PS: In dual input type, excitation power must be the same.

SW1/SW2	JUMPER	DEFINITION
	1	Open: 12V; Close: 5V
	2	Open: 100KHz; Close: 100Hz
	3	Open: NPN; Close: PNP
	4	Open: PNP; Close: NPN

\*\*Connection:



NPN (5V): 0~100 Hz

JUMPER	SW1/SW2
1	
2	
3	
4	

NPN (5V): 0~100 KHz

JUMPER	SW1/SW2
1	
2	
3	
4	

NPN (12V): 0~100 Hz

JUMPER	SW1/SW2
1	
2	
3	
4	

NPN (12V): 0~100 KHz

JUMPER	SW1/SW2
1	
2	
3	
4	

PNP (5V): 0~100 Hz

JUMPER	SW1/SW2
1	
2	
3	
4	

PNP (5V): 0~100 KHz

JUMPER	SW1/SW2
1	
2	
3	
4	

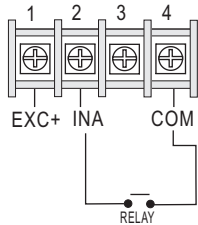
PNP (12V): 0~100 Hz

JUMPER	SW1/SW2
1	
2	
3	
4	

PNP (12V): 0~100 KHz

JUMPER	SW1/SW2
1	
2	
3	
4	

\*\*Connection:



Relay Contact: NPN 0~100 Hz

JUMPER	SW1/SW2
1	
2	
3	
4	

\*\*For relay input type, please select NPN 0~ 100 Hz.