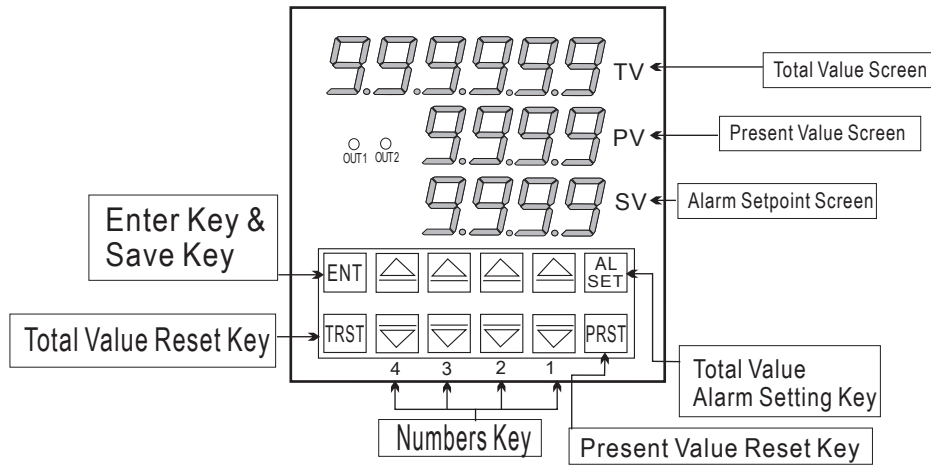


Please understand key indicators & functions at the first operation.

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.
Present Value Reset Key	PRST	1. Press this key to enable the present value reset function.
Total Value Reset Key	TRST	1. Press this key to enable the total value reset function.
Alarm Setting Switching Key	AL SEL	1. In the measuring status, press this key can switch alarm set-point screen and indicators for total value alarm.
Numbers Key	▲ / ▼	1. In the parameter setting, press each number keys ▲/▼ can modify the located value. 2. In the parameter setting, press the keys can enter to the next parameter.
Compound Key	▲ + ▼	1. In any status, press this key can back to measuring status.

- \*\*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 parameter 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.

GENERAL MODE OPERATING PROCEDURES

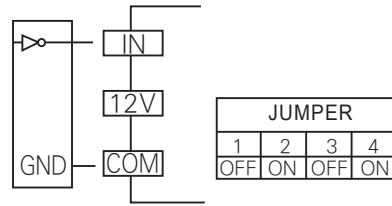
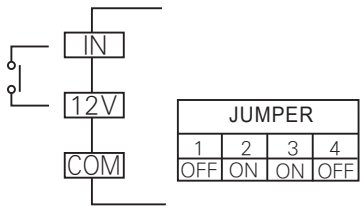
Display	Descriptions	Default
<b>Parameter Group Setting Procedures</b>		
Measuring Status	Present value for measurement	
Pass Code (P.Cod)	Press ▲/▼ to enter pass code.	0000
	Pass code is correct that will enter to parameter groups. Pass code is wrong that will back to measuring status.	
Count Mode Setting (ModE)	1. Press ▲/▼ to modify count mode (SYN, NSYN) 2. Press ENT to save the parameter.	SYn
Present Value Decimal Point Setting (Pv.dP)	1. Press ▲/▼ to select present value decimal point (0, 1, 2, 3). 2. Press ENT to save the parameter.	0000
Total Value Decimal Point Setting (tv.dP)	1. Press ▲/▼ to select total value decimal point (0, 1, 2, 3). 2. Press ENT to save the parameter.	0000
Scale Coefficient Adjustment (SCALE)	1. Press ▲/▼ to modify scale coefficient (0.0001~9.9999). 2. Press ENT to save the parameter.	000000
Alarm Mode Setting (oP.ModE)	1. Press ▲/▼ to modify alarm output mode (N, R, C). 2. Press ENT to save the parameter.	n
Alarm Run Time Setting (ACT.t)	1. Press ▲/▼ to modify alarm run time (1~99). 2. Press ENT to save the parameter.	000.1
Pass Code Setting (CodE)	1. Press ▲/▼ to modify pass code (0~19999). 2. Press ENT to save the parameter.	0000
Key Lock Setting (LoCK)	1. Press ▲/▼ to lock the keys, using key lock function 2. Press ENT to save the parameter. PS: no (unlock), YES ("ENT" unlock, others lock).	no

PROGRAMMING MODE OPERATING PROCEDURES

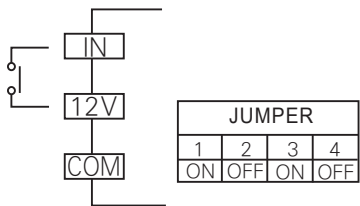
Block Charts	Display	Descriptions	Default
<b>Present Value Alarm Setpoint</b>			
Power On	123456	Measuring Status	Present value for measurement
Press ▲/▼	1234	Present Value Alarm Setpoint	1. Press ▲/▼ to modify located setpoint (-199999~999999). 2. Do not press any keys for 5 secs which can save the parameter.
<b>Total Value Alarm Setpoint</b>			
Press (AL/SEL)	1234	Total Value Alarm Setpoint	1. Press AL/SEL key, unit AL2 indicator is lighted. 2. Press ▲/▼ to modify total value alarm setpoint 3. Press ENT to save the parameter.

## Input Signal Modification

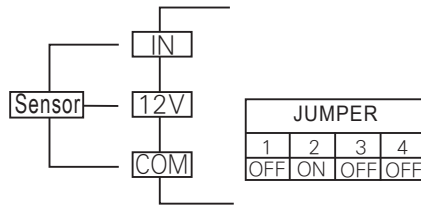
**\*\*Contact input (PNP)**



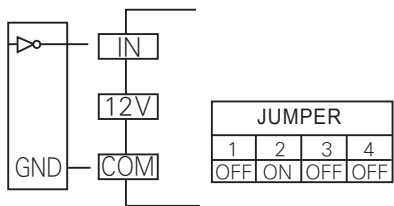
**\*\*Contact input (NPN)**



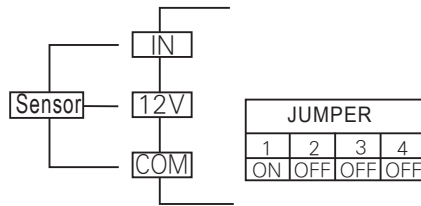
**\*\*PNP (12V)**



**\*\*CMOS (12V or 15V)**



**\*\*NPN (12V)**



## Relay Output Mode Description

**\*\*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.

**MODE:** SYN (present value & total is synchronizing)

NSYN (present value reaches the 1st setpoint, total value added 1)