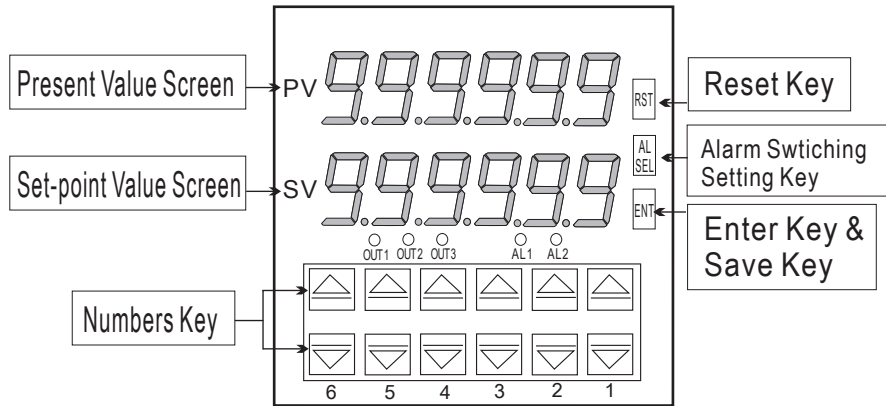


* Please understand key indicators & functions at the first operation.

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.
Reset Key	RST	1. Press this key to enable the reset functi on.
Alarm Setting Switching Key	AL SEL	1. In the measuring status, press this key can switch alarm set-point screen and indicators for AL1 or AL2.
Numbers Key	▲/▼	1. In the parameter setting, press each number keys ▲/▼ can modify the alarm set-point. 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

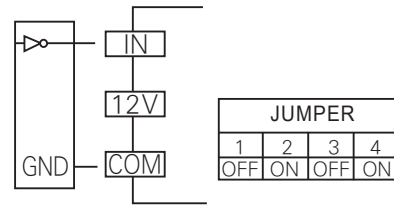
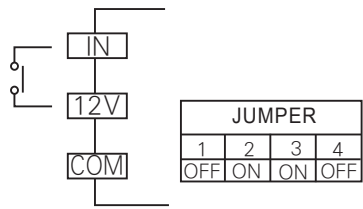
Block Charts	Display	Descriptions	Default
Power ON		Parameter Group Setting Procedures	
123456	Measuring Status	Present value for measurement	
Press ENT → P.Cod	Pass Code (P.Cod)	Press ▲(▼) to enter pass code.	000000
Press ENT → P.Code Correct		Pass code is correct that will enter to parameter groups. Pass code is wrong that will back to measuring status.	
Press ENT → tYPE	Input Type Setting (tYPE)	1. Press ▲(▼) to modify the input type.(1U2D / 1P2D / 1A2B) 2. Press ENT to save the parameter.	1U2d
Press ENT → WArn	Alarm Warning Setting (WArn)	1. Press ▲(▼) to select alarm warning type (No, Yes) 2. Press ENT to save the parameter.	no
Press ENT → rSt	Reset Position Setting (rSt)	1. Press ▲(▼) to modify reset position (-199999~999999) 2. Press ENT to save the parameter.	000000
Press ENT → dP	Decimal Point Setting (dP)	1. Press ▲(▼) to select decimal point (0, 1, 2, 3, 4, 5). 2. Press ENT to save the parameter.	000000
Press ENT → SCALE	Scale Coefficient Adjustment (SCALE)	1. Press ▲(▼) to modify scale coefficient (0.0001 ~9.9999). 2. Press ENT to save the parameter.	000000
Press ENT → oP.MoDE	Alarm Mode Setting (oP.ModE)	1. Press ▲(▼) to modify alarm output mode (N, R, C). 2. Press ENT to save the parameter.	n
Press ENT → ACt.t	Alarm Run Time Setting (ACt.t)	1. Press ▲(▼) to modify alarm run time (1~99). 2. Press ENT to save the parameter.	00000.1
Press ENT → CodE	Pass Code Setting (CodE)	1. Press ▲(▼) to modify pass code (0~19999). 2. Press ENT to save the parameter.	000000
Press ENT → LoCK	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

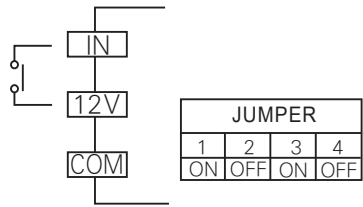
Block Charts	Display	Descriptions	Default
Power On		Alarm 1 Setpoint	
123456	Measuring Status	Present value for measurement	
Press (AL/SEL) → 123456	Alarm 1 Setpoint (AL1)	1. Press AL/SEL key, unit AL1 indicator is lighted. 2. Press ▲(▼) to modify alarm 1 setpoint, then press ENT to save the parameter.	123456
		Alarm 2 Setpoint	
123456	Alarm 2 Setpoint (AL2)	1. Press AL/SEL key, unit AL2 indicator is lighted. 2. Press ▲(▼) to modify alarm 1 setpoint, then press ENT to save the parameter.	123456

Input Signal Modification

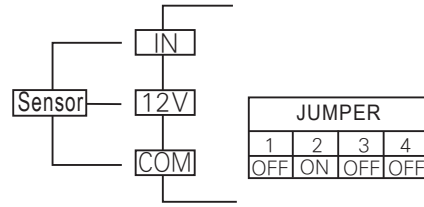
**Contact input (PNP)



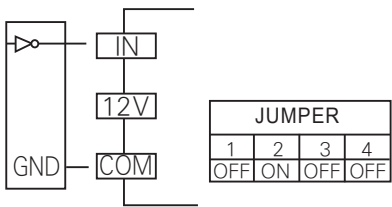
**Contact input (NPN)



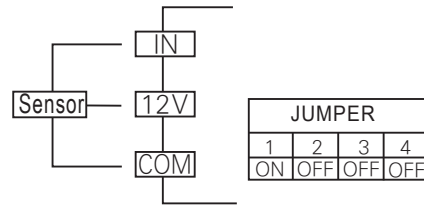
**PNP (12V)



**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.