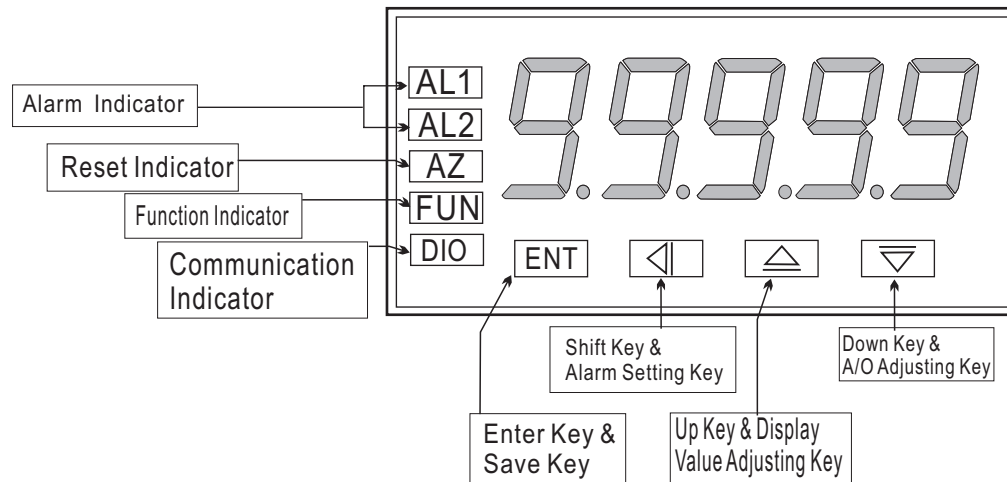


* Please understand key indicators & functions at the first operation.

FRONT PANEL & KEY FUNCTIONS



Key Name	Symbol	Descriptions
Enter Key & Save Key	ENT	<ol style="list-style-type: none"> 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	←	<ol style="list-style-type: none"> 1. In the parameter setting, press this key can move the cursor left.
Up Key	↑	<ol style="list-style-type: none"> 1. In the parameter setting, press this key can increase the digits.
A/O Adjusting Key	↓	<ol style="list-style-type: none"> 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.

PROGRAMMING MODE OPERATING PROCEDURES

	Display	Descriptions	Default
Power ON	1000.0	Measuring Status	Present value for measurement.
Press: ENT	P.Cod	Pass Code (P.Cod)	00000
P.Code Correct NO		Pass code is correct that will enter to parameter groups. Pass code is wrong that will back to measuring status.	
YES	dP	Decimal Point Setting (dP)	0
Press: ENT	Addr	Address Setting (Addr)	00000
Press: ENT	bAUd	Baud Rate Setting (bAUd)	19200
Press: ENT	PARi	Parity Setting (PARi)	n.8.2.
Press: ENT	CrC	Cyclic Redundancy Setting (CrC)	no
Press: ENT	CodE	Pass Code Setting (CodE) PS: Please don't forget the new pass code after modification.	00000

Error Code of Self-Diagnosis

Display	Descriptions
E-00	1. EEPROM reading/writing suffers the interference. 2. EEPROM writing is over-range (about 1 million times, guarantees 10 years), please restart the meter, if the display value is still "E-00", please do the following steps: a. E-00/NO alternates flash, means that request to reset EEPROM default or not. b. Press \uparrow & \downarrow to select "YES" and back to measuring page.

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

Modbus RTU Mode Protocol Address Table

Address	Name	Description	Accept
0000	DP	MSB=DP2(Only for dual display)LSB=DP1, Each Byte range0~4 0:10 ⁰ ,1:10 ¹ ,2:10 ² ,3:10 ³ ,4:10 ⁴	R/W
0001	ADDR	Communication address, range 0000~00FF(0~255)	R/W
0002	BAUD	Baud rate, range 0000:19200,0001:9600,0002:4800,0003:2400	R/W
0003	PARI	Parity check, range 0000:N82,0001:N81,0002:EVEN,0003:ODD	R/W
0004	CrC	CRC function, rage 0000:disable,0001:enable	R/W
0005	CODE	CODE, range 0000~4E1F(0~19999)	R/W
0006	DISPLAY1	Display1 High byte , range FFFB1E1~0001869F (-19999~99999)	R/W
0007		Display1 Low byte , range FFFB1E1~0001869F (-19999~99999)	