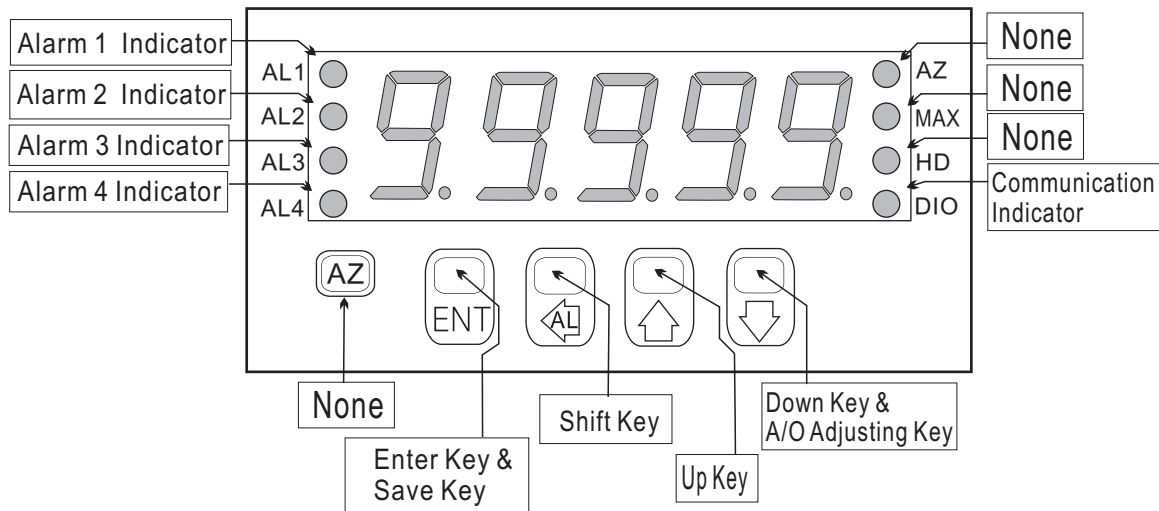


* Please understand key indicators & functions at the first operation.

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	AL	1. In the parameter setting, press this key can move the cursor left.
Up Key	Up Arrow	1. In the parameter setting, press this key can increase the digits.
Down Key & A/O Adjusting Key	Down Arrow	1. In the measuring status, press this key for 3 sec can enter to analog output adjustment. 2. 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 \leftarrow \rightarrow , 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 \rightarrow & \leftarrow , 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		Analog Output: "ZERO" & "SPAN" Adjustment (Optional)	
	Measuring Status	The following steps are only available for analog output.	
	A/O Zero Adjustment (AZEr0)	Press \leftarrow to select adjusting speed rate, press \rightarrow \leftarrow to modify the A/O zero. PS: To use this function to adjust the real A/O zero.	00000
	A/O Span Adjustment (ASPAAn)	Press \leftarrow to select adjusting speed rate, press \rightarrow \leftarrow to modify the A/O span. PS: To use this function to adjust the real A/O span.	00000

PROGRAMMING MODE OPERATING PROCEDURES

	Display	Descriptions	Default
Power ON	10000	Measuring Status	Present value for measurement.
Press: ENT	P.Cod	Pass Code (P.Cod)	Press $\leftarrow \uparrow \downarrow$ to enter pass code.
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.
NO			
YES	dP	Decimal Point Setting (dP)	Press $\uparrow \downarrow$ to select decimal point (0, 1).
Press: ENT	CodE	Pass Code Setting (CodE)	Press $\leftarrow \uparrow \downarrow$ to modify pass code (0~1999). PS: Please don't forget the new pass code after modification.
Press: ENT	Addr	Address Setting (Addr)	Press $\leftarrow \uparrow \downarrow$ to modify address (0~255).
Press: ENT	bAUd	Baud Rate Setting (bAUd)	Press $\uparrow \downarrow$ to select baud rate (38400/19200/9600/4800).
Press: ENT	PARi	Parity Setting (PARi)	Press $\uparrow \downarrow$ to select parity (n.8.2/n.8.1/even/odd).
Press: ENT	FrAmE	Frame Setting (FrAmE)	Press $\uparrow \downarrow$ to select frame type (NO:Hi \rightarrow Lo , YES:Lo \rightarrow Hi)

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

Data: 16Bit / 32Bit, +/- is 8000~7FFF (-32768~32767), 80000000~7FFFFFFF(-2147483648~2147483647)

Modbus	HEX	Name	Descriptions	Act
40001	0000	ID	Model number identification; DC5H-Sis "03".	R
40002	0001	DP	Decimal point setting; range: 0000~0004 (0~4) 0:10 ⁰ , 1:10 ¹ , 2:10 ² , 3:10 ³ , 4:10 ⁴	R/W
40003	0002	FRAME	Frame setting; range 0000~0001(0~1) 0:NO, 1:YES	R/W
40004	0003	BAUD	Baud rate setting; range: 0000~0003 (0~3) 0:38400, 1:19200, 2:9600, 3:4800	R/W
40005	0004	PARI	Parity setting; range: 0000~0003 (0~3), 0:N.8.2., 1:N.8.1., 2:EVEN, 3:ODD	R/W
40006	0005	ADDR	Address setting; range: 0000~00FF (0~255)	R/W
40007	0006	CODE	Pass code setting; range: 0000~4E1F (0~19999)	R/W
40008	0007	AZERO	Analog output zero setting; range: D8F1~270F (-9999~9999)	R/W
40009	0008	ASPAN	Analog output span setting; range: D8F1~270F (-9999~9999)	R/W
40010	0009	AL1	Alarm 1 setting; range: 0000~0001 (0~1), 0:OFF, 1:ON	R/W
40011	000A	AL2	Alarm 2 setting; range: 0000~0001 (0~1), 0:OFF, 1:ON	R/W
40012	000B	AL3	Alarm 3 setting; range: 0000~0001 (0~1), 0:OFF, 1:ON	R/W
40013	000C	AL4	Alarm 4 setting; range: 0000~0001 (0~1), 0:OFF, 1:ON	R/W
40014	000D	D/A	Digital to Analog setting; range: D8F0~2710 (-10000~10000) to correspond to -10V~10V or -20mA~20mA	R/W
40015	000E	DISPLAY	Display value zero setting; range: FFFFB1E1~0001869F (-19999~99999) Hi Bit	R/W
40016	000F		Display value span setting; range: FFFFB1E1~0001869F(-19999~99999) Low Bit	R/W