**6 DIGITAL MICRO-PROCESS METER** with 1~4 ALARMS / ANALOG OUTPUT / RS-485

MANUAL

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

### **1.1 FRONT PANEL**



# **1.3 DIMENSIONS**

1. In any status, press this key can back to measuring status.

Group Setting Key 3. In the parameter setting, press this key can increase the digit.

Group Setting Key 3. In the parameter setting, press this key can decrease the digit.

Compound Key 2. While the buzzer acts, press this key can mute the buzzer.

Up Key & Display

Down Key & A/O

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 $\bigtriangledown$ 

 $\wedge + \bigtriangledown$ 

3. In the parameter setting, press this key can move the cursor left.

1. In the measuring status, press this key for 3 sec can enter to Display Group Setting.

1. In the measuring status, press this key for 3 sec can enter to A/O Group Setting.

2. In the parameter page, press this key can back to the last parameter page.

2. In the parameter page, press this key can go to the next parameter page.



	1.4 WIRING C	ONNEC	TION
	2 Alarms Output:		4 Alarms Output:
<ul> <li>Voltage, Cur</li> </ul>	rent (AC, DC)	<ul> <li>Voltage, Currer</li> </ul>	nt (AC, DC)
Upper	AL1 AL2 RS-485 A/O A C B C B C C B C C C B C C C C C C C C	Upper	AL1 AL2 AL3 AL4 RS-485 A/O A C A C A C A C A C A C D D D C C C C A C C A C C A C C A C C A C C A C C C A C C C C C C C C C C C C C C C C C C C C
Lower	1 2 3 4 5 6 7 8 9 10 P P P P P P P P P P P P P P P P P P P	Lower	1 2 3 4 5 6 7 8 9 10 P P P P P P P P P P P P P P P P P P P
• Temperature	e (RTD)	• Temperature (F	RTD)
Upper	AL1 AL2 RS-485 A/O A C B C B C B C C B C C C C C C C C C C	Upper	AL1 AL2 AL3 AL4 RS-485 A/O A • C A • C A • C A • C D · D · D · D · D · D · D · D · D · D
Lower	$\begin{array}{c} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7$	Lower	1 2 3 4 5 6 7 8 9 10 P P P P P P P P P P P P AZ MAX HD COM 100-240V
• 2 Wire Resi	stor	• 2 Wire Resisto	10
Upper	AL1 AL2 RS-485 A/O A C B B C B B C C C C C C C C C C C C C	Upper	AL1 AL2 AL3 AL4 RS-485 A/O A + C A + C A + C D D + - + C D D + - + T 1 12 13 14 15 16 17 18 19 20 21 22
Lower	1 2 3 4 5 6 7 8 9 10	Lower	1 2 3 4 5 6 7 8 9 10
• 3 Wire Peter	ntiometer	• 3 Wire Petenti	ometer
Upper	AL1 AL2 RS-485 A/O A C B B B B B B B B B B B B B B B B B B	Upper	AL1 AL2 AL3 AL4 RS-485 A/O A C A C A C A C A C D D D - + T 12 13 14 15 16 17 18 19 20 21 22
Lower	$\begin{array}{c} 1 & 2 & 3 & 4 & 5 & 6 & 7 & 8 & 9 & 10 \\ \hline $	Lower	1 2 3 4 5 6 7 8 9 10 E E E E E E E E E E E E E E E E E E E
• 4 Wire Sens	or or Load cell	• 4 Wire Sensor	or Load cell Al 1 Al 2 Al 3 Al 4 RS-485 A/O
Upper	A • C • B A • C • B 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Upper	A     C     A     C     A     C     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D     D
Lower	1 2 3 4 5 6 7 8 9 10	Lower	1 2 3 4 5 6 7 8 9 10
E	KC+ 4 Wire Sensor EXC-	E>	
• 2,3 Wire Ser Upper	AL1 AL2 RS-485 A/O AL1 AL2 RS-485 A/O P D D D D D D D D D D D D D D D D D D D	• 2,3 Wire Sense Upper	or AL1 AL2 AL3 AL4 RS-485 A/O A C A C A C A C D D + - + B B B B B B B B B B B B B B B B B B B
Lower	1 2 3 4 5 6 7 8 9 10 EXC+ IN+ GND AZ MAX 2Wire Sensor OP →	Lower -++++++++++++++++++++++++++++++++++++	1 2 3 4 5 6 7 8 9 10 EXC+ IN+ 2Wire Sensor ⊖ 3 Wire Sensor ⊙ ⊖

P2

### 2.1 OPERATING SEQUENCE



#### 2.2 ALARM SETPOINT MODIFICATION 🐱 In the measuring status, press <] for 3 sec can enter to Alarm Setpoint Modification. Display Default Descriptions Name AL I Alarm 1 Setpoint 00000 (AL1) AL2 Alarm 2 Setpoint 1. Press $\langle ]$ to enter the parameter setting, the digit will be flashed. 00000 (AL2) 2. Press $\triangle$ or $\bigtriangledown$ can modify Alarm Setpoint. $\nabla$ Range: -199999~999999 RL3 Alarm 3 Setpoint 3. Press ENT to save the value and go to the next parameter. 00000 (AL3) RLY Alarm 4 Setpoint 00000 (AL4) 2.3 DISPLAY SETTING $\star$ In the measuring status, press $\triangle$ for 3 sec can enter to Display Group Setting. Display Default Name Descriptions 1. Press $\langle ]$ to enter the parameter setting, the digit will be flashed. **Display Offset** 2. Press $\triangle$ or $\bigcirc$ can modify Display Offset. doFSE 00000 Setting Range: 199999~999999 (doFSt) Press ENT to save the value and go to the next parameter. 1. Press $\langle ]$ to enter the parameter setting, the digit will be flashed. 2. Press $\triangle$ or $\bigtriangledown$ can modify Display Gain. **Display Gain** dGR in 00000 Range: 0.00001~9.99999 Setting Display = dSPH \* dGAin (dGAin) Press ENT to save the value and go to the next parameter. 1. Press $\triangleleft$ to enter the parameter setting, the digit will be flashed. **Decimal Point** 2. Press $\triangle$ or $\bigtriangledown$ can select Decimal Point. dP 00000 Setting Range: 0, 1, 2, 3, 4, 5 (DP) (dp) 3. Press ENT to save the value and go to the next parameter. 1. Press $\langle \neg \rangle$ to enter the parameter setting, the digit will be flashed. **Display Low** 2. Press 🛆 or 🖓 can modify Display Low Scale. dSPL 00000 Scale Setting Range: -199999~999999 (dSPL) 3. Press ENT to save the value and go to the next parameter. P.S.: Press Z in this page can calibrate Zero Point of input signal. 1. Press $\langle \neg \rangle$ to enter the parameter setting, the digit will be flashed. Display Hi 2. Press $\land \land$ or $\bigtriangledown$ can modify Display Hi Scale. 99999 Range: -199999~999999 Scale Setting (dSPH) 3. Press ENT to save the value and back to Display Setting. P.S.: Press Z in this page can calibrate Span Point of input signal. 2.4 A/O SETTING

#### $\bullet$ In the measuring status, press $\bigcirc$ for 3 sec can enter to A/O Group Setting.

Display	Default	Name	Descriptions
<b><i>R₀</i>F5</b> <i>E</i> ☆ ▽	00000	A/O Offset Setting (AoFSt)	<ol> <li>Press &lt;☐ to enter the parameter setting, the digit will be flashed.</li> <li>Press △ or &lt;&gt; can modify A/O Offset. Range: -9999~9999</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
<b>AGA</b> ☆ ↓	00000	A/O Gain Setting (AGAin)	<ol> <li>Press &lt; to enter the parameter setting, the digit will be flashed.</li> <li>Press &lt; or &lt; can modify A/O Gain. Range: -9999~9999</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>

Display	Default	Name	Descriptions					
	00000	A/O Low Scale Setting (AnLo)	<ol> <li>Press to enter the parameter setting, the digit will be flashed.</li> <li>Press or to can modify A/O Low Scale. Range: -199999~999999</li> <li>If this value is 0, while display is 0, output signal will be 4 mAdc.</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>					
RnHi C	99999	A/O Hi Scale Setting (AnHi)	<ol> <li>Press          to enter the parameter setting, the digit will be flashed.</li> <li>Press          or          can modify A/O Hi Scale. Range: -199999~999999         If this value is 100, while display is 100, output signal will be 20 mAdc.</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>					
	no	Simulation O/P Function Setting (SiMU)	<ol> <li>Press ↓ to enter the parameter setting, the digit will be flashed.</li> <li>Press ↓ or ↓ can select Simulation O/P Function. Range: no (do not open), YES (open)</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>					
5 intu	99999	Simulation O/P Value Setting (SiMUL)	<ol> <li>Press ↓ to enter the parameter setting, the digit will be flashed.</li> <li>Press ↓ or ↓ can modify Simulation O/P Value. Range: -199999~999999</li> <li>Press ENT to save the value and back to A/O Setting.</li> </ol>					
	2.5 ERR(	DR CODE	OF SELF-DIAGNOSIS					
Display			Descriptions					
ioFL	Input signal is over 120	% of input range.	•					
- IOFL	Input signal is under -1	0% of input range.						
RdEr	Input signal is over 180% of input ragne or meter error.							
doFL	Input signal is over display range (999999).							
-doFL	Input signal is under dis	splay range (-199999).						
E-00	EEPROM reading / wri	ting suffers the interfer	rence ( about 1 million times).					
** Please check the w	iring connection is co	rrect first, if the probl	em still exist, please return the meter to the factory.					
	2.6 ALAR	ΜΟυτρυ	TACTION SEQUENCE					
Alarm Hi Setp Alarm Hi - H Alarm Lo + H Alarm Lo Setp Input Zero Po Input Negative L Alarm Hi Ao	Input oint (S YS oint Dint Limit Alarm H	ysteresis	Time					

### 3.1 SYSTEM (SYS) SETTING GROUP PROCEDURE

### \* While Pass Code is correct, Press < can select System Setting Group.

Display	Default	Name	Descriptions
<b>Я</b> ⊔ <b>[</b> ] ☆ ↓	00005	Display Average Setting (AvG)	<ol> <li>Press          to enter the parameter setting, the digit will be flashed.</li> <li>Press          or          can modify Display Average.         Range: 1~99         If this value is large, display will be stable &amp; smooth.</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
	00000	Display Low Cut Setting (LCUt)	<ol> <li>Press          to enter the parameter setting, the digit will be flashed.</li> <li>Press          or          can modify Display Low Cut.         Range: 0~9999         If this value is 10, while display is under 10, display value will show 0.</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
<b>7b</b> ☆ ☆	00000	Zero Band Setting (Zb)	<ol> <li>Press &lt; to enter the parameter setting, the digit will be flashed.</li> <li>Press &lt; or &lt; can modify Zero Band. Range: 0~99 (If "dSPH" ≥ 65536, this value will be multiply by 100) If display reach this value, the display value will track 0.</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
<i>₽₫</i> ₽ ☆ ☆	00000	Zero Tracking Time Setting (Zdt)	<ol> <li>Press          to enter the parameter setting, the digit will be flashed.</li> <li>Press          or          can modify Zero Tracking Time.         Range: 0~99 (sec)         If display reach Zero Band, the display value will track 0 after this         setting (sec). P.S.: This function must use with "Zb" together.         S. Press ENT to save the value and go to the next parameter.     </li> </ol>
<b>H</b> b ☆ ▽	00000	Input Holding Band Setting (Hb)	<ol> <li>Press          to enter the parameter setting, the digit will be flashed.     </li> <li>Press          or</li></ol>
<i>НdL</i> ☆ ▽	00000	Input Holding Time Setting (Hdt)	<ol> <li>Press to enter the parameter setting, the digit will be flashed.</li> <li>Press or can modify Input Holding Time. Range: 0~99 (sec) If display reach Input Holding Band, the display value will stabilize input signal after this setting (sec). P.S.: This function must use with "Hb" together.</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
<b>59</b> <i>⊢上</i>	no	Roof Square Function Setting (Sqrt)	<ol> <li>Press &lt; to enter the parameter setting, the digit will be flashed.</li> <li>Press &lt; or &lt; can open Roof Square Function. Range: no (Do Not Open), YES (Open)</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
d ,5₽ ☆ ☆	AL I	Display Selection Setting (diSP)	<ol> <li>Press          to enter the parameter setting, the digit will be flashed.</li> <li>Press          or          can select lower Display Selection.         Range: AL1 (Alarm1 Setpoint), MAX (Max Hold),         SiMUL (A/O Simulation value)         S. Press ENT to save the value and go to the next parameter.     </li> </ol>
<b>ЬЦ??</b> ☆ ♀	םח	Buzzer Setting (bUZZ)	<ol> <li>Press &lt;☐ to enter the parameter setting, the digit will be flashed.</li> <li>Press △ or ○ can close Buzzer. Range: no (Do Not Close), YES (Close)</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
<i>₽₽₽</i> ↔  ↔	RP	Function Key Setting (FKEY)	<ol> <li>Press          to enter the parameter setting, the digit will be flashed.</li> <li>Press          or          can select Function Key.         Range: AZ (Display Reset to Zero), MrSt (Max Hold Reset),         HD (Data Hold)</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
<b>LodE</b> ☆ ▽	00000	Pass Code Setting (P.Cod)	<ol> <li>Press &lt;☐ to enter the parameter setting, the digit will be flashed.</li> <li>Press</li></ol>
	םח	Key Lock Setting (LoCK)	<ol> <li>Press          to enter the parameter setting, the digit will be flashed.     </li> <li>Press          or              can close Key Lock.         Range: no (Do Not Close), YES (Close)         3. Press ENT to save the value and back to System Setting Group.     </li> </ol>

## 3.2 ALARM (roP) SETTING GROUP PROCEDURE

\* While Pass Code is correct, Press < can select Alarm Output Setting Group.

Display	Default	Name	Descriptions
	H ,	AL1 Action Setting (ACt1)	1. Press
	H,	AL2 Action Setting (ACt2)	3. Press <b>ENT</b> to save the value and back to A/O Group Setting.
ACLJ	H,	AL3 Action Setting (ACt3)	<ol> <li>Press → to enter the parameter setting, the digit will be flashed.</li> <li>Press → or → can select Alarm Action. Range: Hi (≧ Alarm Setpoint On), Lo (&lt; Alarm Setpoint On) Go (&lt; Hi Setpoint &amp; &gt; Lo Setpoint On)</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
<b>A[L4</b> ☆ ▽	H,	AL4 Action Setting (ACt4)	<ol> <li>Press → to enter the parameter setting, the digit will be flashed.</li> <li>Press → or → can select Alarm Action. Range: Hi (≧ Alarm Setpoint On), Lo (&lt; Alarm Setpoint On) Error (Device error On)</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
HY5 I 🖒 🗸	00000	AL1 Hysteresis Setting (HYS1)	
<i>₩</i> <b>4</b> 52	00000	AL2 Hysteresis Setting (HSY2)	<ul> <li>2. Press or to enter the parameter setting, the digit will be hashed.</li> <li>2. Press or to can modify Alarm Hysteresis.</li> <li>Range: 0~9999</li> <li>Alarm will be turned off while display value is higher or lower (depends</li> </ul>
H453 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00000	AL3 Hysteresis Setting (HYS3)	on Alarm Action) Alarm Setpoint +/- Hysteresis. 3. Press ENT to save the value and go to the next parameter.
HY54 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00000	AL4 Hysteresis Setting (HYS4)	
	00000	AL1 Run Delay Setting (dEL1)	
	00000	AL2 Run Delay Setting (dEL2)	<ol> <li>Press &lt;☐ to enter the parameter setting, the digit will be flashed.</li> <li>Press &lt;☐ or &lt;☐ can modify Alarm Run Delay.</li> <li>Pance: 0~00 (cac)</li> </ol>
<b>dEL3</b> ☆ ☆	00000	AL3 Run Delay Setting (dEL3)	Alarm will be turned on after this setting (sec). 3. Press <b>ENT</b> to save the value and go to the next parameter.
	00000	AL4 Run Delay Setting (dEL4)	
<b>5</b> 5 ☆ ☆	00000	AL Start Band Setting (Sb)	<ol> <li>Press ☐ to enter the parameter setting, the digit will be flashed.</li> <li>Press ☐ or ⊖ can modify Alarm Start Band. Range: -99~99</li> <li>If display value do not over this setting, alarm will not be turned on.</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
	00000	AL Start Delay Time Setting (Sdt)	<ol> <li>Press to enter the parameter setting, the digit will be flashed.</li> <li>Press or can modify Alarm Start Delay Time. Range: 0~99 (sec)</li> <li>If display value reach Alarm Start Band, alarm will be turned on after this setting (sec). P.S.: This function must use with "Sb" together.</li> <li>Press ENT to save the value and back to Alarm Setting Group.</li> </ol>

Display	Default	Name	Descriptions
Pol Ar	по	A/O Polarity Setting (PoLAr)	<ol> <li>Press to enter the parameter setting, the digit will be flashed.</li> <li>Press or can select A/O Polarity. Range: no (Positive Pole O/P; 0~10 Vdc), YES (Positive &amp; Negative Pole O/P; -10~+10 Vdc)</li> <li>Press ENT to save the value and back to A/O Setting Group.</li> </ol>
3.4	RS-485 (c	loP) SETT	ING GROUP PROCEDURE
hile Pass Co	ode is correct,	Press 🗘 can s	elect RS-485 Setting Group.
Display	Default	Name	Descriptions
<b>Addr</b>	00000	Address Setting (Addr)	<ol> <li>Press I to enter the parameter setting, the digit will be flashed.</li> <li>Press I or I can modify Address. Range: 0~255</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
bRUd	38400	Baud Rate Setting (bAUd)	<ol> <li>Press ↓ to enter the parameter setting, the digit will be flashed.</li> <li>Press ↓ or ↓ can select Baud Rate. Range: 38400, 19200, 9600, 4800 (bps)</li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
PArı C	n.B.2.	Parity Check Setting (PAri)	<ol> <li>Press          to enter the parameter setting, the digit will be flashed.     </li> <li>Press          or              can select Parity Check.         Range: n.8.2., n.8.1., EvEn, odd     </li> <li>Press ENT to save the value and go to the next parameter.</li> </ol>
FrAñE	חח	Frame Setting (FrAME)	<ol> <li>Press   to enter the parameter setting, the digit will be flashed.</li> <li>Press   or   can select Frame. Range: no (Hi to Lo), YES (Lo to Hi)</li> <li>Press ENT to save the value and back to RS-485 Setting Group</li> </ol>

### 4.1 MODBUS RTU MODE PROTOCOL ADDRESS TABLE

### \* Data form: 16 / 32 bit, +/-8000~7FFF(-32768~32767), 800000007FFFFFFF(-2147483648~2147483647)

Modbus	Hex	Name	Act	Descriptions
40001	0000	ID	R	Model number identification; GA6 is 23H
40002	0001	STATUS	R	Current alarm output & external control input status, range: 0000~00F0 (0~240) (Bit 7: AL4, Bit 6: AL3, Bit 5: AL2, Bit 4: AL1, Bit 3: Buzz, Bit 2: HD, Bit 1: MAX, Bit 0: AZ) 0:Off, 1:On
40003	0002	INDEX	R/W	Index, range: 0000~0037 (0~55) [Please refer section 4.2 for detail.]
40004	0003			
40005	0004	FKEY	R/W	Function key setting, range: 0000~0002 (0~2); 0:AZ, 1:MrSt, 2:Hd
40006	0005	SIMU	R/W	Simulation function O/P setting, range: 0000~0001 (0~1); 0:No, 1:YES
40007	0006	SQRT	R/W	Roof square function setting, range: 0000~0001 (0~1); 0:No, 1:YES
40008	0007	POLAR	R/W	Polar setting, range: 0000~0001 (0~1); 0:No, 1:YES
40009	0008	DISP	R/W	Display selection setting, range: 0000~0001 (0~2); 0:AL1, 1:MAX, 2:SiMUL
40010	0009	FRAME	R/W	Frame setting, range: 0000~0001 (0~1); 0:No, 1:YES
40011	000A	LOCK	R/W	Key lock setting, range: 0000~0001 (0~1); 0:No, 1:YES
40012	000B	ACT1	R/W	Alarm 1 action setting, range: 0000~0001 (0~1); 0:Hi, 1:Lo
40013	000C	ACT2	R/W	Alarm 2 action setting, range: 0000~0001 (0~1); 0:Hi, 1:Lo
40014	000D	ACT3	R/W	Alarm 3 action setting, range: 0000~0001 (0~2); 0:Hi, 1:Lo, 2:Go
40015	000E	ACT4	R/W	Alarm 4 action setting, range: 0000~0001 (0~2); 0:Hi, 1:Lo, 2:Error
40016	000F	BUZZ	R/W	Buzzer setting, range: 0000~0001 (0~1); 0:No, 1:YES
40017	0010	DP	R/W	Decimal point setting, range: 0000~0005 (0~5); 0:10 <sup>0</sup> , 1:10 <sup>1</sup> , 2:10 <sup>2</sup> , 3:10 <sup>3</sup> , 4:10 <sup>4</sup> , 5:10 <sup>5</sup>
40018	0011	BAUD	R/W	Baud rate setting, range: 0000~0003 (0~3); 0:38400, 1:19200, 2:9600, 3:4800
40019	0012	PARI	R/W	Parity check setting, range: 0000~0003 (0~3); 0:n.8.2., 1:n.8.1., 2:EvEn, 3:odd
40020	0013	AVG	R/W	Display average setting, range: 0001~0063 (1~99)
40021	0014	ADDR	R/W	Address setting, range: 0000~00FF (0~255)
40022	0015	DEL1	R/W	Alarm 1 run delay setting, range: 0000~0063 (0~99)
40023	0016	DEL2	R/W	Alarm 2 run delay setting, range: 0000~0063 (0~99)
40024	0017	DEL3	R/W	Alarm 3 run delay setting, range: 0000~0063 (0~99)
40025	0018	DEL4	R/W	Alarm 4 run delay setting, range: 0000~0063 (0~99)
40026	0019	SB	R/W	Alarm start band setting, range: FF9D~0063 (-99~99)
40027	001A	SDT	R/W	Alarm start delay time setting, range: 0000~0063 (0~99)
40028	001B	ZB	R/W	Zero band setting, range: 0000~0063 (0~99)
40029	001C	ZDT	R/W	Zero tracking time setting, range: 0000~0063 (0~99)
40030	001D	HB	R/W	Input holding band setting, range: 0000~0063 (0~99)
40031	001E	HDT	R/W	Input holding time setting, range: 0000~0063 (0~99)
40032	001F	LCUT	R/W	Display low cut setting, range: 0000~270F (0~9999)
40033	0020	HYS1	R/W	Alarm 1 hysteresis setting, range: 0000~270F (0~9999)
40034	0021	HYS2	R/W	Alarm 2 hysteresis setting, range: 0000~270F (0~9999)
40035	0022	HYS3	R/W	Alarm 3 hysteresis setting, range: 0000~270F (0~9999)
40036	0023	HYS4	R/W	Alarm 4 hysteresis setting, range: 0000~270F (0~9999)
40037	0024	CODE	R/W	Pass code setting, range: 0000~4E1F (0~19999)
40038	0025	AOFST	R/W	A/O offset setting, range: D8F1~270F (-9999~9999)
40039	0026	AGAIN	R/W	A/O gain setting, range: D8F1~270F (-9999~9999)
40040	0027	AZERO	R/W	A/O zero adjustment, range: D8F1~270F (-9999~9999)
40041	0028	ASPAN	R/W	A/O span adjustment, range: D8F1~270F (-9999~9999)
40042	0029	ANLO	R/W	A/O low scale setting, range: FFFCF2C1~000F423F (-199999-999999) Hi Bit
40043	002A		R/W	A/O low scale setting, range: FFFCF2C1~000F423F (-199999-999999) Lo Bit
40044	002B	ANHI	R/W	A/O hi scale setting, range: FFFCF2C1~000F423F (-199999-999999) Hi Bit
40045	002C		R/W	A/O hi scale setting, range: FFFCF2C1~000F423F (-199999~999999) Lo Bit
40046	002D	DSPL	R/W	Display low scale setting, range: FFFCF2C1~000F423F (-199999-999999) Hi Bit
40047	002E		R/W	Display low scale setting, range: FFFCF2C1~000F423F (-199999~999999) Lo Bit
40048	002F	DSPH	R/W	Display hi scale setting, range: FFFCF2C1~000F423F (-1999999~999999) Hi Bit
40049	0030		R/W	Display hi scale setting, range: FFFCF2C1~000F423F (-199999~999999) Lo Bit

Modbus	Hex	Name	Act	Descriptions
40050	0031	DOFST	R/W	Display Offset setting, range: FFFCF2C1~000F423F (-1999999~999999) Hi Bit
40051	0032		R/W	Display Offset setting, range: FFFCF2C1~000F423F (-1999999~999999) Lo Bit
40052	0033	DGAIN	R/W	Display gain setting, range: 00000001~000F423F (1~9999999) Hi Bit
40053	0034		R/W	Display gain setting, range: 00000001~000F423F (1~9999999) Lo Bit
40054	0035	SIMUL	R/W	Simulation O/P setting, range: FFFCF2C1~000F423F (-1999999~999999) Hi Bit
40055	0036		R/W	Simulation O/P setting, range: FFFCF2C1~000F423F (-1999999~999999) Lo Bit
40056	0037	AL1	R/W	Alarm 1 setpoint setting, range: FFFCF2C1~000F423F (-1999999~999999) Hi Bit
40057	0038		R/W	Alarm 1 setpoint setting, range: FFFCF2C1~000F423F (-1999999~999999) Lo Bit
40058	0039	AL2	R/W	Alarm 2 setpoint setting, range: FFFCF2C1~000F423F (-1999999~999999) Hi Bit
40059	003A		R/W	Alarm 2 setpoint setting, range: FFFCF2C1~000F423F (-1999999~999999) Lo Bit
40060	003B	AL3	R/W	Alarm 3 setpoint setting, range: FFFCF2C1~000F423F (-1999999~999999) Hi Bit
40061	003C		R/W	Alarm 3 setpoint setting, range: FFFCF2C1~000F423F (-1999999~999999) Lo Bit
40062	003D	AL4	R/W	Alarm 4 setpoint setting, range: FFFCF2C1~000F423F (-1999999~999999) Hi Bit
40063	003E		R/W	Alarm 4 setpoint setting, range: FFFCF2C1~000F423F (-1999999~999999) Lo Bit
40064	003F	MAX	R/W	Max hold, range: FFFCF2C1~000F423F (-199999-999999) Hi Bit
40065	0040		R/W	Max hold, range: FFFCF2C1~000F423F (-1999997~999999) Lo Bit
40066	0041	HD	R/W	Data hold, range: FFFCF2C1~000F423F (-1999999~999999) Hi Bit
40067	0042		R/W	Data hold, range: FFFCF2C1~000F423F (-1999999~999999) Lo Bit
40068	0043	AZ	R/W	Display Zeroed, range: FFFCF2C1~000F423F (-199999~999999) Hi Bit
40069	0044		R/W	Display Zeroed, range: FFFCF2C1~000F423F (-199999-999999) Lo Bit
40070	0045	RATE	R	Current display value, range: FFFCF2C1~000F423F (-199999-999999) Hi Bit
40071	0046		R	Current display value, range: FFFCF2C1~000F423F (-199999-999999) Lo Bit

# 4.2 INDEX CODE SUPPLEMENT

\* The following codes are for hexadecimal.

Page / Name	Page / Name	Page / Name	Page / Name	Page / Name
00: SYS	01: roP	02: AoP	03: doP	04: P.Cod
05: E-00	06:	07: FKEY	08: SiMU	09: Sqrt
0A: PoLAr	0B: diSP	0C: FrAME	0D: LoCK	0E: ACt1
0F:ACt2	10: ACt3	11: ACt4	12: bUZZ	13: dP
14: bAUd	15: PAri	16: AvG	17: Addr	18: dEL1
19: dEL2	1A: dEL3	1B: dEL4	1C: Sb	1D: Sdt
1E: Zb	1F: Zdt	20: Hb	21: Hdt	22: LCUt
23: HYS1	24: HYS2	25: HYS3	26: HYS4	27: CodE
28: AoFSt	29: AGAin	2A: AZEro	2B: ASPAn	2C: AnLo
2D: AnHi	2E: dSPL	2F: dSPH	30: doFSt	31: dGAin
32: SIMUL	33: AL1	34: AL2	35: AL3	36: AL4
37: Current Display				

### 折補功能(LINEA)設定群組流程及顯示

\*\* 若折補功能有開啟,在正常顯示畫面下同時按一及一3秒進入折補功能設定畫面

顯示書面	<b></b>	書面名稱	修改參數及流程説明
			按个准入參數修改模式,改數值會閃爍.
		正信號的百分比	按公式了修改校正值的百分比值.
		(INH01)	按ENT儲存並進入下一頁
d5P0 1	00000	折	按公進人參數修改模式,改數值會閃爍. 按公式已修改折補值所對應的顯示值
$\bigcirc$ $\bigcirc$			按ENT儲存並進入下一頁
L OHUS	00.000	第2點折補,校	按①進入參數修改模式,改數值會閃爍.
		止信號的日分比 (INH02)	按凸织入修改仪止值的日分比值。 按ENT儲存並進入下一頁
	ппппп		按①進入參數修改模式,改數值會閃爍.
		顯示值(DSP02)	按公式了修改折補值所對應的顯示值.
			按ENT儲存並進入卜一貝 按∕门淮入僉數條改描式,改數值金閅爍
		正信號的百分比	按公式了修改校正值的百分比值.
		(INH03)	按ENT儲存並進入下一頁
d5P03	00000	│ 折補點對應的 │ 顯示値(DSP03)	按①進入參數修改模式,改數值會閃爍.
		與小值(D3103)	按凸%%/修改折袖值所到應的顯示值。 按ENT儲存並進入下一頁
	00000	第4點折補,校	按①進入參數修改模式,改數值會閃爍.
			按
	ппппп		按/1 推入 參數 修改 模式 , 改數 值 會 閉 爍
		顯示值(DSP04)	按①或⑦修改折補值所對應的顯示值.
			按ENT儲存並進入下一頁
ı nH05		弗5劫折佣,校   正信號的百分比	按\] 進八奓數修改模式,改數值曾內傑.  按\]或\]修改校正值的百分比值.
$\bigcirc \bigcirc \bigcirc$		(INH05)	按ENT儲存並進入下一頁
d5P05	00000	折補點對應的 	按①進入參數修改模式,改數值會閃爍.
		線小10(D3F03)	按①吹/修改折佣值所到應的顯示值。  按FNT儲存並進入下一百
	00000	第6點折補,校	按①進入參數修改模式,改數值會閃爍.
			按-\
	ппппп		按 ( ) 谁 入 參 數 修 改 模 式 , 改 數 值 會 閉 爍
		顯示值(DSP06)	按公式公修改折補值所對應的顯示值.
		971115111111111111111111111111111111111	按ENT儲存並進入下一頁 按方進入發動修改描書,改動店會開機
<u>, nHD7</u>		正信號的百分比	扱\□ 進八寧數修以候以,以數值曾闪床.  按○或○修改校正值的百分比值.
		(INH07)	按ENT儲存並進入下一頁
dSPD7	00000	折補點對應的   顯示値(DSP07)	按①進入參數修改模式,改數值會閃爍.
			按LPX大修改扩伸值所到應的顯示值。 按ENT儲存並進入下一頁
	00.000	第8點折補,校	按①進入參數修改模式,改數值會閃爍.
		止信號的白分比 (INH08)	按公验人修改校止值的白分比值。 按FNT储存並進入下一百
	ппппп		按①進入參數修改模式,改數值會閃爍.
		顯示值(DSP08)	按公式了修改折補值所對應的顯示值.
	ппппп	     筆g點折補,菘	按ENT儲存並進入ト一貞  按< <p>/ 推入  変動  修改  提示  、  改動  信  會  門  燈</p>
		正信號的百分比	按公式了修改校正值的百分比值.
		(INH09)	按ENT儲存並進入下一頁
d5P09	00000	折袖點對應的   顯示值(DSP09)	按<  進入參數修改模式,改數值會閃爍.  按
			按ENT儲存並進入下一頁
	00.000	第10點折補,校	按①進入參數修改模式,改數值會閃爍.
		止信號的自分比   (INH10)	按行现代/修改仪止值的白分比值。 按ENT儲存並進入下一頁

顯示畫面	預設值	畫面名稱	修改參數及流程説明
d5P 10 ☆ ▽	00000	折補點對應的 顯示值(DSP10)	按<☐ 進入參數修改模式,改數值會閃爍. 按<☐或<>>修改折補值所對應的顯示值. 按ENT儲存並進入下一頁
<b>, ∩H    </b> ☆ ▽	00.000	第11點折補,校 正信號的百分比 (INH11)	按< <p>按&lt;<p>逆進入參數修改模式,改數值會閃爍. 按 按 成 修改校正值的百分比值. 按ENT儲存並進入下一頁</p></p>
d5P     ☆ ▽	00000	折補點對應的 顯示值(DSP11)	按<>> 進入參數修改模式,改數值會閃爍. 按 按 ·修改折補值所對應的顯示值. 按ENT儲存並進入下一頁
	00.000	第12點折補,校 正信號的百分比 (INH12)	按< <p>按&lt;<p>逆入參數修改模式,改數值會閃爍. 按公或 修改校正值的百分比值. 按ENT儲存並進入下一頁</p></p>
d5P 12 ☆ ▽	00000	折補點對應的 顯示值(DSP12)	按< <p>按公進入參數修改模式,改數值會閃爍. 按公或&gt;修改折補值所對應的顯示值. 按ENT儲存並進入下一頁</p>
El Hn ı	00.000	第13點折補,校 正信號的百分比 (INH13)	按< <p>按&lt;<p>逆入參數修改模式,改數值會閃爍. 按 少修改校正值的百分比值. 按ENT儲存並進入下一頁</p></p>
d5P 13 ☆ ▽	00000	折補點對應的 顯示值(DSP13)	按< <p>按公進入參數修改模式,改數值會閃爍. 按公式 按公式 修改折補值所對應的顯示值. 按ENT儲存並進入下一頁</p>
<b>, ∩H  4</b> ☆ ▽	00.000	第14點折補,校 正信號的百分比 (INH14)	按< <p>按&lt;<p>进入參數修改模式,改數值會閃爍.按按求修改校正值的百分比值.按ENT儲存並進入下一頁</p></p>
<b>⊿5</b> <i>P I</i> <b>4</b> ☆  ▽	00000	折補點對應的 顯示值(DSP14)	按<☐ 進入參數修改模式,改數值會閃爍. 按<☐或<☐修改折補值所對應的顯示值. 按ENT儲存並進入下一頁
, nH IS ☆ ▽	00.000	第15點折補,校 正信號的百分比 (INH15)	按< <p>按&lt;<p>逆入參數修改模式,改數值會閃爍.按公式》修改校正值的百分比值.按ENT儲存並進入下一頁</p></p>
d5P IS ☆ ▽	00000	折補點對應的 顯示值(DSP15)	按< <p>按&lt;<p>逆入參數修改模式,改數值會閃爍.按一或少修改折補值所對應的顯示值.按ENT儲存並進入下一頁</p></p>
, nH 16 ☆ ▽	00.000	第16點折補,校 正信號的百分比 (INH16)	按< <p>按公進入參數修改模式,改數值會閃爍. 按公式 修改校正值的百分比值. 按ENT儲存並進入下一頁</p>
d5P 16 ☆ ▽	00000	折補點對應的 顯示值(DSP16)	按< <p>按&lt;<p>逆入參數修改模式,改數值會閃爍.按公求》修改折補值所對應的顯示值.按ENT儲存並進入下一頁</p></p>
「 <i>「</i> 日日 「 一日 「 一日 「 一日 「 一日 「 一 一 一 一 一 一 一 一 一 一 一 一 一	00.000	第17點折補,校 正信號的百分比 (INH17)	按<> 進入參數修改模式,改數值會閃爍. 按 按公式 修改校正值的百分比值. 按ENT儲存並進入下一頁
<b>⊿5₽ 17</b> ↔ ↔	00000	折補點對應的 顯示值(DSP17)	按< <p>按公進入參數修改模式,改數值會閃爍. 按公或 修改折補值所對應的顯示值. 按ENT儲存並進入下一頁</p>
, nH I8 ☆ ☆	00.000	第18點折補,校 正信號的百分比 (INH18)	按< <p>按公進入參數修改模式,改數值會閃爍. 按公或 後改校正值的百分比值. 按ENT儲存並進入下一頁</p>
d5P 18 ☆ ▽	00000	折補點對應的 顯示值(DSP18)	按< <p>按&lt;<p>进入參數修改模式,改數值會閃爍. 按 公求 修改折補值所對應的顯示值. 按ENT儲存並進入下一頁</p></p>
<b>!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!</b>	00.000	第19點折補,校 正信號的百分比 (INH19)	按< <p>按公進入參數修改模式,改數值會閃爍. 按公或 修改校正值的百分比值. 按ENT儲存並進入下一頁</p>
d5P 19 ☆ ▽	00000	折補點對應的 顯示值(DSP19)	按<>> 進入參數修改模式,改數值會閃爍. 按 按 文 文 少修改折補值所對應的顯示值. 按ENT儲存並進入下一頁