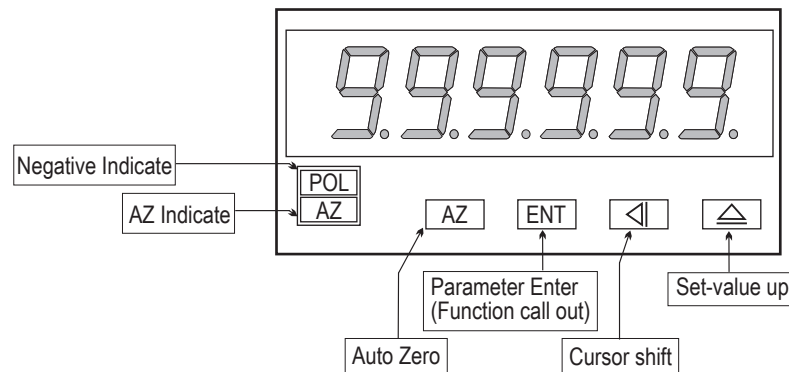


KEY FUNCTIONS

Key Introduce	Operation Manual
Key Function	1. In normal display, The key function is call out setting group 2. In parameter setting page, The key function is data Enter , and goto next page
Key Function	1. Into parameter setting page, the parameter mark&data is alternate display, If need modify data can press shift key into setting procedure, The display is lock parameter data, this time must let off key about 0.2 sec, press again, the cursor(twinkle express)is cycle moving left/right. (Key Response about 0.2 sec)
Key Function	1. Into parameter setting page, the parameter mark&data is alternate display, If need modify data can press up key into setting procedure, The display is lock parameter data, this time must let off key about 0.2 sec, press again the parameter data will increment. (Key Response about 0.2 sec)
No Key in anything	In setting group or setting page no key in anything about 2 minutes, return normal display

OPERATING PROCEDURES

Step	Parameter Mark Description	Parameter Mark	Operation Manual
1	Normal display	1 2 3 4 5 6	Press key into P.COD setting page
2	P.COD(Pass code input page) Default=0	P. 0 0 0 0 0 0 0 0 0 0 0 0	1. Key in 6 digit pass code with & key 2. Press key, the pass code is right into DP setting page, otherwise return normal display
3	DP(Decimal Point) Default=0	0 P 0	1. Decide decimal point position with key (0 to 5) 2. Press key enter data and into DSPL setting page
4	DSPL(Display Low Scale) Default=0	0 S P L 0 0 0 0 0 0	1. Decide display low scale with & key (-999999~999999) 2. Press key enter data and into DSPH setting page
5	DSPH(Display High Scale) Default=999999	0 S P H 9 9 9 9 9 9	1. Decide display high scale with & key (-999999~999999) 2. Press key enter data and into AVG setting page
6	AVG (Average) Default=8	0 0 0 0 0 8 0 0 0 0 0 8	1. Decide display Average times with & key (1~99) 2. Press key enter data and into LCUT setting page
7	LCUT (Low Cut) Default=0	0 0 0 0 0 0 0 0 0 0 0 0	1. Decide display low cut with & key (0~999) 2. Press key enter data and into CODE setting page
8	CODE(Code) Default=0	0 0 0 0 0 0 0 0 0 0 0 0	1. Decide Pass code with & key (0~999999) 2. Press key enter data and into LOCK setting page

Step	Parameter mark description	Parameter mark	Operation manual
9	Normal display	1 2 3 4 5 6	Press & key about 3 sec, into DZERO adjustment page
9-1	DZERO(Display Zero Adjust) Default=0	0 0 0 0 0 0 0 0 0 0 0 0	1. Adjustment display zero with & key 2. Press key enter data and into DSPAN adjustment page Note1: Adjust DZERO value while minimum display value error Note2: Display value will increase a bit while press key (+) and decrease a bit while press key (-)
9-2	DSPAN(Display Span Adjust) Default=0	0 S P R 0 0 0 0 0 0 0	1. Adjustment display span with & key 2. Press key enter data and into CODE adjustment page Note1: Adjust DSPAN value while maximum display value error Note2: Display value will increase a bit while press key (+) and decrease a bit while press key (-)

ERROR CODE OF SELF-DIAGNOSIS

Appendix	Error Mark Description	Error Mark	Analyze & Description
1	Input over error detect	1 0 F L	Input signal over range(120%)
2	Input under error detect	- 1 0 F L	Input signal under range(-120%)
3	Display over error detect	0 0 F L	Display over range(999999)
4	Display under error detect	- 0 0 F L	Display over range (-999999)
5	A/D Converter error detect	R 0 E 0	1. Input signal over range (180%) 2. Inside circuit damage Please moving input signal if still display ADER, please contact us
6	EEPROM error detect	E - 0 0 0 0 4 E 5	1. External interference when Flash read/write 2. Flash write over 10 ⁴ times(guarantee 10 years) Please power reset, if still display E-00, doing following step: 1. E-00 & No alternate display for inquire reset Parameter value 2. Decide Yes with key, press key return normal display Parameter value was reset, Please follow step 1~8 set again