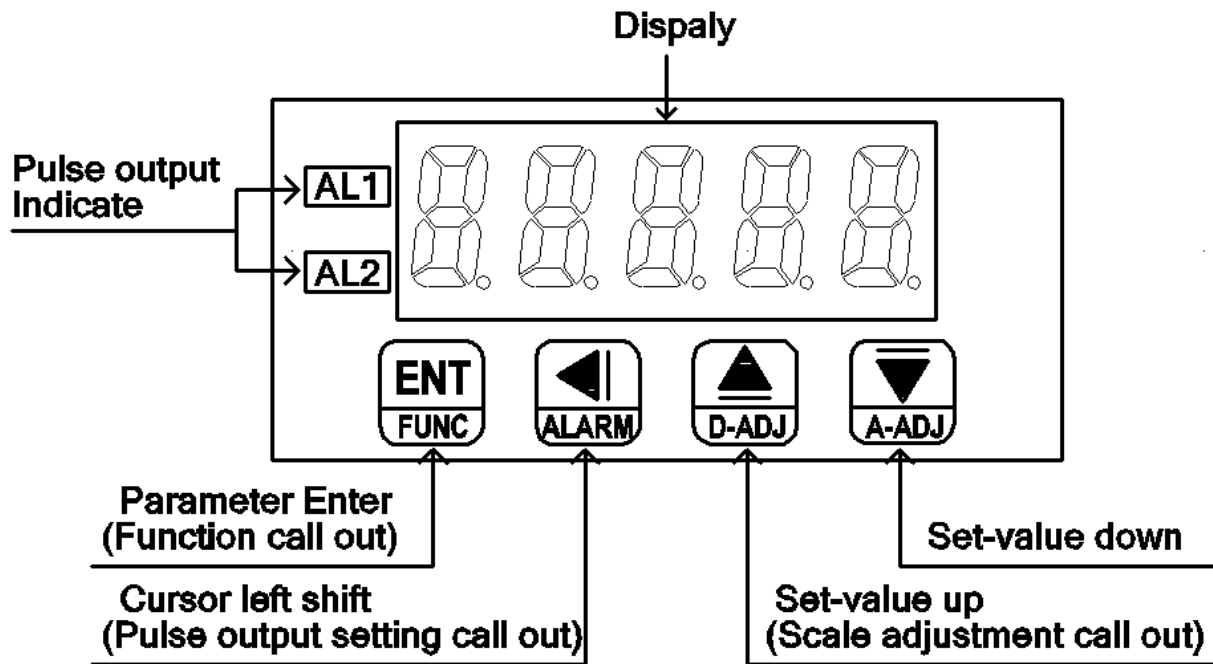


Features

Accuracy 0.05% FS ± 1 digit	Programmable dual independence pulse output (0.001~1000 Hz)
Programmable display range -19999~99999 digit	Programmable Display/Pulse output decimal point
Programmable Display avrage times (1~99)	0.268 " LED highlight display
Programmable display low cut value (0~99)	Man-machine interface ,easy to operate
Programmable pulse output according to display(-19999~99999)	EEPROM Saving ,data safekeeping about 10 years
Programmable pulse output range(0.001~1000 Hz)	Modified inside parameter must have pass code

Name Of Parts



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. In normal display, The ◀ key function is call out alarm value setting page 2. Into parameter setting page,the parameter mark & data is alternate display,If need modify data can press ◀ 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.(Key response about 0.2 sec.)
▲ key function	1. In normal display,The key function is call out adjustment display value (DZERO&DSPAN) page 2. Into parameter setting page,the parameter mark & data is alternate display,If need modify data can press ▲ 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 be increment.(Key response about 0.2 sec.)
▼ key function	1. In normal display,The key function is call out adjustment analog output (AZERO&ASpan) page 2. Into parameter setting page,the parameter mark & data is alternate display,If need modify data can press ▼ 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 be decrement.(Key response about 0.2 sec.)
▲&▼ key function	1.In setting group or setting page press ▲ & ▼ key return normal display,but if in setting page the modify data will be lost
No key in anything	1.In setting group or setting page no key in anything about 2 minutes, return normal display

Inside parameter operate procedure

Step	Parameter Mark Description	Parameter Mark	Operation Manual
1	Normal display	1 2 3 4 5	1.Press Ⓜ/FUNC key into P.COD setting page
1-1	P.COD(Pass Code) Default = 0	P.C o d 0 0 0 0 0	1.Key in 5 digit pass code with ◀&▲&▼ key 2.Press Ⓜ key,If the pass code is correct then into setting group,otherwise, return normal display

1-2	DP(Decimal Point) Default = 0	DP 0.	1. Decide decimal point position with ▲&▼ key (0 to 4) 2. Press [ENT] key enter data and into DSPL setting page
1-3	DSPL(Display Lo Scale) Default = 0	DSPL 00000	1. Decide display low scale with ◀&▲&▼ key (-19999~99999) 2. Press [ENT] key enter data and into DSPH setting page
1-4	DSPH(Display Hi Scale) Default = 19999	DSPL 19999	1. Decide display high scale with ◀&▲&▼ key (-19999~99999) 2. Press [ENT] key enter data and into AVG setting page
1-5	AVG(Average) Default = 8	AVG 00008	1. Decide display Average times with ◀&▲&▼ key (1~99) 2. Press [ENT] key enter data and into LCUT setting page
1-6	LCUT(Low Cut) Default = 0	LCUT 00000	1. Decide display low cut with ◀&▲&▼ key (0~99) 2. Press [ENT] key enter data and into PO-DP setting page Note: If display less then the setting, will be show 0, LCUT=0 function disable
1-7	PO-DP(Pulse Output - Decimal Point) Default = 0	PO-DP 0.	1. Decide Pulse Output Decimal Point with ▲&▼ key (0~4) 2. Press [ENT] key enter data and into PO-F setting page
1-8	PO-F(Pulse Output - Highest Frequency) Default = 1000	PO-F 1000.	1. Decide Pulse Output Highest Frequency with ◀&▲&▼ key (0.001~1000Hz) 2. Press [ENT] key enter data and into CODE setting page
1-9	CODE(Pass Code) Default = 0	CODE 00000	1. Decide Pass code with ◀&▲&▼ key (0~99999) 2. Press [ENT] key enter data and into LOCK setting page
1-10	LOCK(Panel Lock) Default = NO	LOCK NO	1. Decide panel lock with ▲&▼ key (NO or YES) 2. Press [ENT] key enter data and return SYS setting group

Step	Parameter Mark Description	Parameter Mark	Operation Manual
2	Normal display	12345	1. Press ▲/D-ADJ key about 3 sec, into DZERO adjustment page
2-1	DZERO(Display Zero Adjust) Default = 0	DZERO 00000	1. Adjust Display Zero with ▲&▼ key 2. Press [ENT] key enter data and into DSPAN adjustment page
2-2	DSPAN(Display Span Adjust) Default = 0	DSPAN 99999	1. Adjust Display Span with ▲&▼ key 2. Press [ENT] key enter data and return Normal display

Step	Parameter Mark Description	Parameter Mark	Operation Manual
3	Normal display	12345	1. Press ◀/ALARM key about 3 sec, into PO-LO setting page
3-1	PO-LO(Pulse Output Zero-According to Display) Default = 0	PO-LO 00000	1. Decide Pulse Output Zero-According to Display with ◀&▲&▼ key (-19999~99999) 2. Press [ENT] key enter data and into PO-HI setting page
3-2	PO-HI(Pulse Output Span-According to Display) Default = 19999	PO-HI 19999	1. Decide Pulse Output Span-According to Display with ◀&▲&▼ key (-19999~99999) 2. Press [ENT] key enter data and return normal display

Appendix	Error Mark Description	Error Mark	Analyze & Description
1	Input over error detect	IOFL	1. Input signal over range
2	Display over error detect	DOFL	1. Display over range(99999)
3	Display under error detect	-DOFL	1. Display over range (-19999)
4	EEPROM error detect	E-00 NO YES	1. External interference when EEPROM read/write 2. EEPROM write over 1 million times(guarantee 10 years) Please power reset, if still display E-00, doing below step: a. E-00 & No alternate display for inquire reset EEPROM b. Decide Yes with ▲ or ▼ key, press [ENT] key return normal display c. EEPROM was reset, Please follow step 1~10 set again