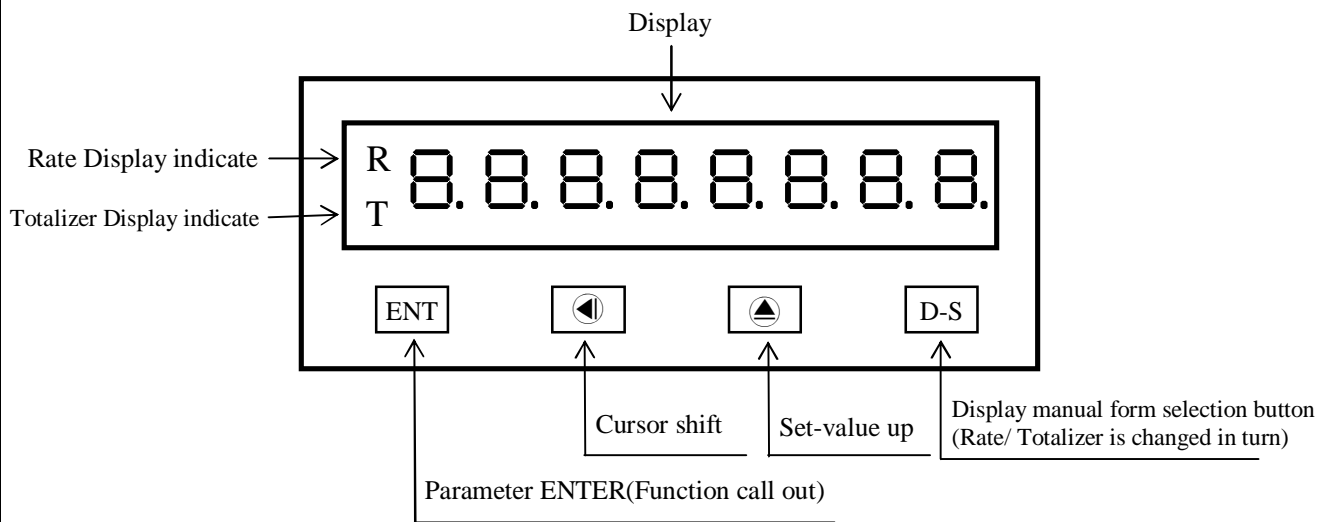


FEATURES

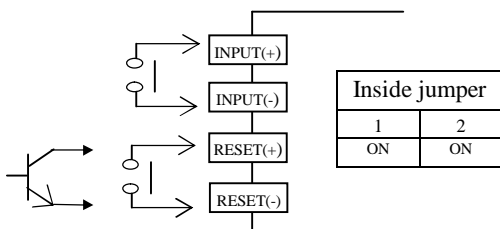
- ⊙ Accept Non-voltage input (Contact/NPN) or DC voltage input(NPN/PNP) or magnetic pick up 0.5~15V signal
- ⊙ Accuracy 0.05% F.S.
- ⊙ Rate display range 0~99999 can be modified
- ⊙ Totalizer display range 0~99999999
- ⊙ Input range 0.01Hz~1KHz
- ⊙ Rate and Totalizer decimal point can be modified
- ⊙ Totalizer timebase can be modified(1/60/3600sec)
- ⊙ Scale can be modified(0.0001 to 9999.9999)
- ⊙ Totalizer over automatic reset or external reset
- ⊙ Display average can be modified(1~99)
- ⊙ Man-machine interface,easy to operate
- ⊙ EEPROM Saving ,data safekeeping about 10 years
- ⊙ Modified inside parameter ,must have pass code
- ⊙ Battery life about 9 year minimum with continuous

Name of Parts

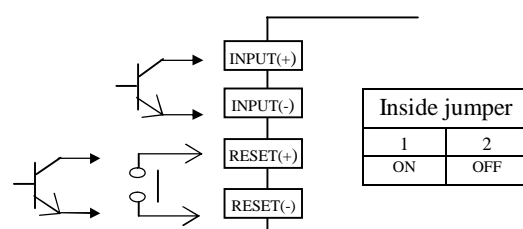


Signal input terminal wiring and internal jumper diagram

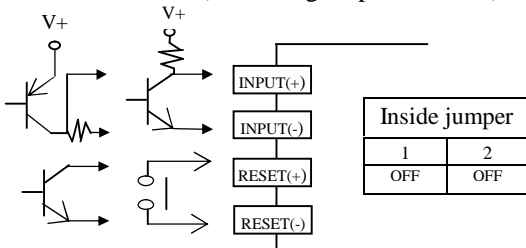
⊙ Contact input (No-voltage input)



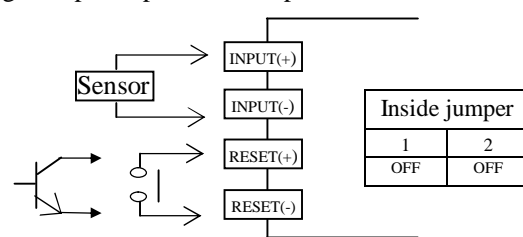
⊙ NPN input (No-voltage input)



⊙ PNP/NPN input(DC voltage input 1V~15V)

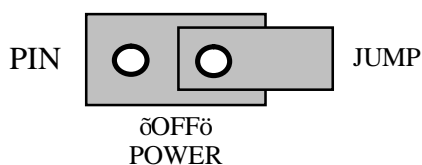


⊙ Magnetic pick-up 0.5~15V input

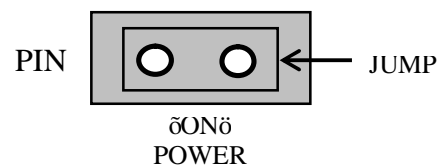


External power jumper diagram

⊙ Internal battery power OFF



⊙ Internal battery power ON



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 ◀ 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.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 increment. (Key Response about 0.2 sec)
D-S Key Function	1.In normal display, the main function is to switch between the Rate and the Totalizer display (press the D-S button to change the page once)
No Key in anything	1.In setting page no key in anything about 2 minutes,return normal display,but if in Setting page the modify data will be lost

Step	Parameter Mark Description	Parameter Mark	Operation Manual
1	Normal display	1 2 3 4 5 6 7 8	Press Ⓜ key into P.CODE setting page
2	P.CODE (Pass code input page) Default=0	P.C O D E	1.Key in 5 digit pass code with ◀ or ▲ key 2.Press Ⓜ key,the pass code is right into DPR page, otherwise return normal display
		0 0 0 0 0 0 0 0	
3	DPR(Decimal Point Rate setting page)Default=0	d P r	1. Decide rate decimal point position with ▲ key(0 to 4) 2. Press Ⓜ key enter data and into DSPH setting page
		0.	
4	DSPH(Display High Scale setting page)Default=10000	d S P H	1.Decide rate display high scale with ◀ & ▲ key(0 to 99999) 2.Press Ⓜ key enter data and into INHI setting page
		0 0 0 1 0 0 0 0	
5	INHI(Input Max. Hz) Default=999.99	, n H ,	1.Decide input max. Hz with ◀ & ▲ key(0.01 to 999.99Hz) 2.Press Ⓜ key enter data and into AVG setting page
		0 0 0 9 9 9 . 9 9	
6	AVG (Dispal Average time setting page)Default=1	A v g	1.Decide display average times with ◀ & ▲ key(1 to 99) 2.Press Ⓜ key enter data and into TBASE setting page
		0 0 0 0 0 0 0 1	
7	TBASE(Time Base) Default=1	t b a s e	1.Decide time base with ◀ & ▲ key(1 to 99) 2.Press Ⓜ key enter data and into DPT setting page
		0 0 0 0 0 0 0 1	
8	DPT (Decimal Point Totalizer setting page)Default=0	d P t	1.Decide totalizer decimal point position with ▲ key(0 to 4) 2.Press Ⓜ key enter data and into C.TIME setting page
		0.	
9	C.TIME (Count Time) Default=1	C. t . n e	1.Decide C.TIME with ▲ key(1/60/3600 sec) 2.Press Ⓜ key enter data and into SCALE setting page
		1	
10	SCALE (Scale to totalize setting page)Default=1.0000	S C A L E	1.Decide Totalize scale with ◀ & ▲ key(0.0001 to 9999.9999) 2.Press Ⓜ key enter data and into CODE setting page
		0 0 0 1 0 0 0 0	
11	CODE(Pass Code setting page)Default=0	C o d e	1.Decide pass code with ◀ & ▲ key(0 to 99999) 2.Press Ⓜ key enter data and into LOCK setting page
		0 0 0 0 0 0 0 0	
12	LOCK(Panel Lock setting page)Default=NO	L o c k	1.Decide panel lock with ▲ key(NO or YES) 2.Press Ⓜ key enter data and return Normal display page
		n o	

Appendix	Error Mark Description	Error Mark	Analyze & Description
1	Input over error detect	1 2 3 4 5 6 7 8	Input frequency over range(1KHz)
		, o f l	
2	Display over error detect	1 2 3 4 5 6 7 8	Display over range(99999)
		d o f l	
3	EEPROM error detect	E - 0 0	1.External interference when EEPROM read/write 2.EEPROM write over 100000 times(guarantee 10 years) Please power reset,if still display E-00,doing following step: 1.E-00 & No alternate display for inquire reset EEPROM 2.Decide Yes with ▲ key,press Ⓜ key return normal display 3.EEPROM was reset,Please follow step 1~12 set again
		n o	
		y e s	