

7.4 Function Setting

When the meter is energized normally, find the data lock parameter LCK according to the parameter setting mode, SET the code to 1000, then press SET key to make the meter confirm, press both SET key and R/S key at the same time for 3s, the PV display will show Cod. When Cod=0000, press SET key in turn to get the following parameters in circular display: (See Form 6)

Form6

Display symbol	Setting value	Description	
SL1	0 0 0 0	K	Thermocouple(TC)
	0 0 0 1	J	
	0 0 1 0	R	
	0 0 1 1	S	
	0 1 0 0	B	
	0 1 0 1	E	
	0 1 1 0	N	
	0 1 1 1	T	
	1 0 0 0	PT100	RTD Input
	1 0 0 1	Cu50	
	1 0 1 0	0-400Ω	
	1 0 1 1	0-50mV	
SL2	1 1 0 0	0-20mV	Voltage(Current)
	1 1 0 1	0-5V(0-10V)	
	0 0 0 0	0 °C Centigrade	
	0 0 0 1	1 °F Fahrenheit	
SL3	0 0 0 0	0 Air cooling(A type)	Selection of nominal unit
	0 0 0 1	1 Water cooling(W type)	
	0 0 1 0	0 Null	
	0 0 1 1	1 Null	
SL4	0 0 0 0	0 Omit	Selection of alarm 1 standby function
	0 0 0 1	0 No set alarm 1 function	
	0 0 1 0	1 Upper-limit bias alarm	
	0 1 0 0	0 Upper/lower-limit bias alarm	
	0 1 0 1	1 Process value upper-limit alarm	
	1 0 0 1	0 Lower-limit bias alarm	
	1 1 0 0	1 With alarm (Alarm in area)	
	1 1 0 1	0 Process value lower limit alarm	
SL5	0 0 0 0	0 No standby alarm function	Selection of alarm 2 standby function
	0 0 0 1	1 With standby alarm function	
	0 0 1 0	0 Setting of Alarm 2 function	
	0 0 1 1	1 Setting of Alarm 2 function	
SL6	0 0 0 0	0 Forward-operation control(Cooling)	Main forward/reverse operation selection
	0 0 0 1	1 Reverse-operation control(Heating)	
	0 0 1 0	0 Main control time scale output	
	0 0 1 1	1 Main control continuous output(4-20mA)	
SL7	0 0 0 0	0 Excitation alarming	Excitation alarming/Non-excitation alarming(Alarm 1 side)
	0 0 0 1	1 Non-excitation alarming	
	0 0 1 0	0 Non-excitation alarming	
	0 0 1 1	1 Non-excitation alarming	
SL8	0 0 0 0	0 Omit	Run/Stop function setting*2
	0 0 0 1	1 Run/Stop function	
	0 0 1 0	0 Non	
	0 0 1 1	1 Autocorrection function	
SL9	0 0 0 0	0 Omit	
SL10	0 0 0 0	0 Omit	
SL11	0 0 0 0	0 Omit	

*1. Excitation alarming means alarm relay contact changes from NO to NC. Non-excitation alarming means alarm relay contact changes from NC to NO

*2. Run/Stop setting is effective, press "<R/S>" key for about 2s, the device stop operating. PV window will display "SL OP", press "<R/S>" key again for about 2s, return to work.

7.5 Constant Setting

When Cod=0001, press SET key in turn to get the following parameters in circular display: (See Form 7)

Form7

Display symbol	Description	Factory value
SLH	Upper limit of setting value measurement range	*
SLL	Lower limit of setting value measurement range	*
PGdP	Place number of decimal	0000
oH	Main output no-operation bandwidth	2or2.0
RL1	Alarm 1 output no-operation bandwidth	2or2.0
RL2	Alarm 2 output no-operation bandwidth	2or2.0
CTr	Current transformer ratio (For wire break alarm transformer)	*
dF	Digital filter constant: range 0-100s	1sec
STFA	Time factor of stable measuring value: range 0-200s	100
STPE	Calculating factor of proportional band: range 0-200s	67
STIE	calculating factor of integration: range 0-200s	16

* according to the order

7.6 Instrument Data viewing

When Cod = 0002, all data is the recorder of meter operation, can be only seen but not amended (See Form 8)

Form8

Display symbol	Description
TCU	Maximum temperature value of instrument input terminal air
CTH	Maximum use time of instrument, min unit 10000 hours
CTL	Minimum use time of instrument, min unit 1 hour

7.7 Failure Message Indicate

Fault information indication: When meter can't work normally, the meter diagnosed automatically to display the message prompt. (See Form 9)

Form9

Display symbol	Description
Err	Meter occurs fault
oooo	The wire is disconnected at inputting, the polarity is connected inversely or above input range
uuuu	The wire is disconnected at inputting, the polarity is connected inversely or below input range

8. OPERATION PROCEDURES (See Fig.2 in Page 4)

9. AFTER SERVICE

The instrument is guaranteed of 18-month free maintenance or changing after the date when product leaves the factory. For product damaged by mistake operating or product with expired warranty, the maintenance will require some reasonable charge. Besides, we can give the lifelong maintenance for our products.



About Safety Proceeding

1. Before use the product, please read carefully this manual, then use it correctly on the base of understanding its content.
2. The product can be used manufacture machinery, work machinery, calculation and measurement instrument (Don't use it for the medicine machine)
3. If in the state of interruption or unusual may cause terrible system accident, please set proper protect electrical route outside, in case of the accident.