

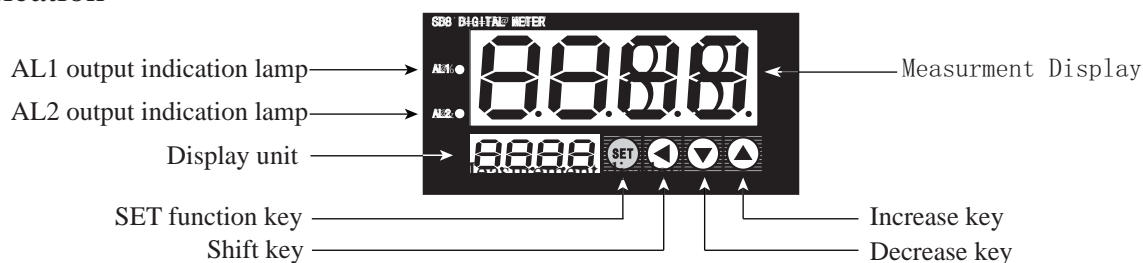
2.Model Description

Model	Alarm function	Input
SD -RC10-mV	Two Relay Output Capacity	0 50mV
SD -RC10-V	Two Relay Output Capacity	0 10V
SD -RC10-mA	Two Relay Output Capacity	4 20mA
SD -RC10-R	Two Relay Output Capacity	0 400

3.Main Technical Parameters

Input signal	mV	0-50mV (0-20mV can be orderde)
	V	0-10V(0-5V, 1-5V, 1-10V can be ordered)
	mA	4-20mA (0-20mA can be ordered)
	R	0-400
Alarm output	Relay output: capacity: 1A/250V AC	
Power supply	SD6/7/8/9: AC 110/220V±10% SD4: AC/DC 100-240V	
Total current	30mA(AC 220V)	
Ambient temperature	0-50℃	
Ambient humidity	45-85%RH	

4.Panel Indication

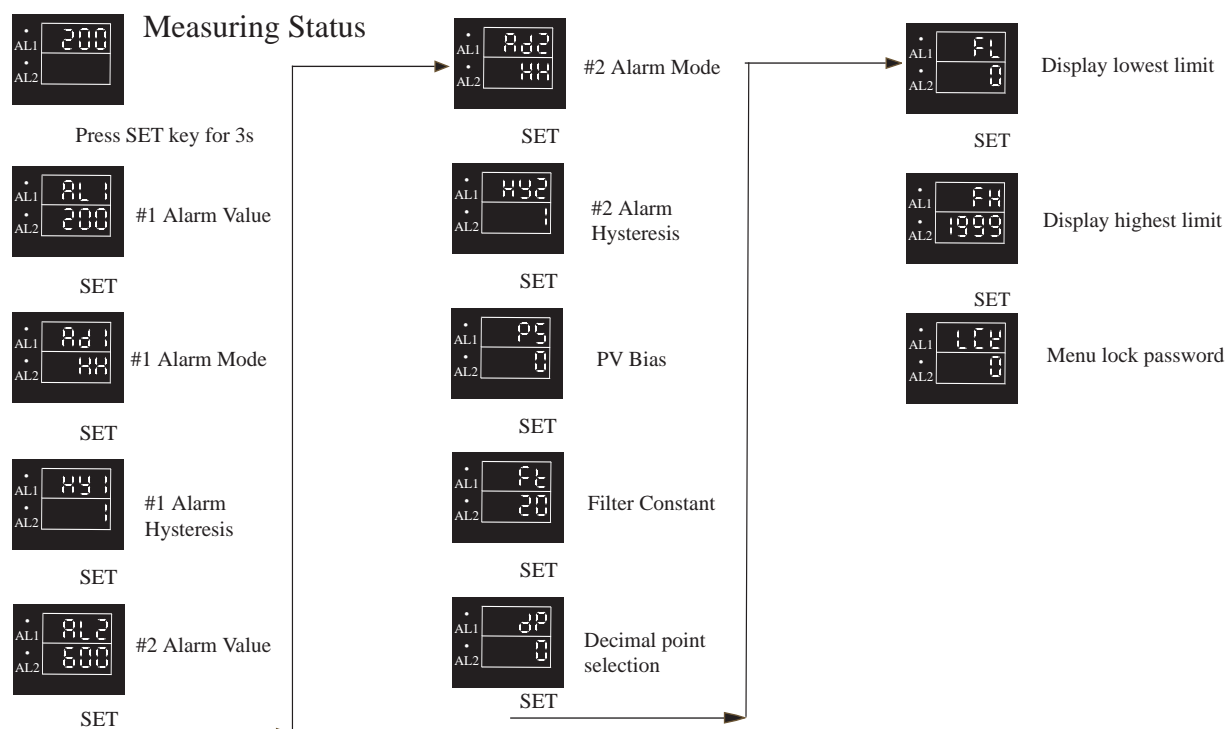


5.Panel Key Operation

- 1 In normal display status, press SET key for a few seconds to show setting menu.
In setting menu, press SET key for a few seconds to quit setting menu.
- 2 Press \leftarrow key before changing value.
- 3 Press \rightarrow or \uparrow key to change value.
- 4 After parameters are changed, press SET key to confirm and save.

6.Operation Sequence

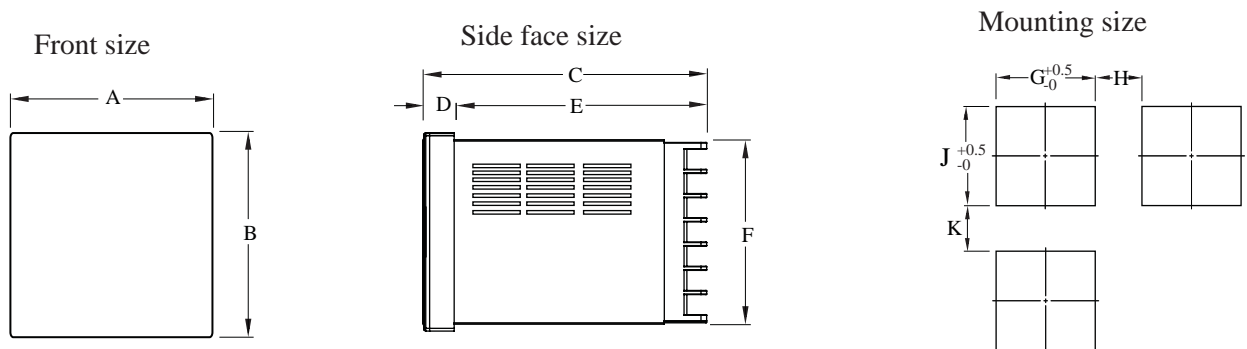
Power on



7.Setting Menu

Menu	Function name	Description	Setting range	Ex-factory setting
NULL	Measurement unit choose	Null M CM MM Kg g mg,MPa,Pa,ba, mba,N,W,KW,RPM,HZ,KHZ,mV,V,KV,mA,A,KA, °C, F can be choosed		
AL1	#1 Alarm Value	#1 Alarm Value Setting	FL-FH	200
AD1	#1 Alarm Mode	#1 Alarm Mode select between lowest and highest limit	HL/HH	HH
HY1	#1 Alarm Hysteresis	#1 Alarm Hysteresis value setting	0-1000	1
AL2	#2 Alarm Value	#2 Alarm Value Setting	FL-FH	600
AD2	#2 Alarm Mode	#2 Alarm Mode select between lowest and highest limit	HL/HH	HH
HY2	#2 Alarm Hysteresis	#2 Alarm Hysteresis value setting	0-1000	1
PS	PV Bias	To bias meter display because of sensor	-1000-1000	0
FT	Filter Constant	Digital filter for input signal	1-250	20
DP	Decimal point selection	Decimal point setting	0-3	0
FL	Display lowest limit	Display lowest limit setting	-1999-1999	0
FH	Display highest limit	Display highest limit setting	-1999-1999	1999
LCK	Menu lock password	Password setting, the menu was forbade to change when setting "11"	0-250	0

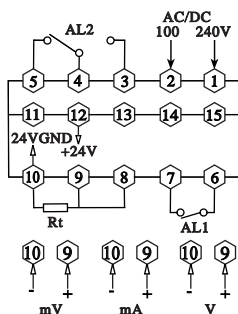
8.Outlook & Installation dimension



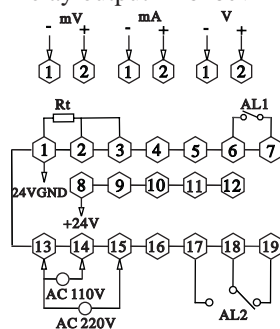
Model	A	B	C	D	E	F	G	H(Min)	J	K(Min)
4:(48*48)	48	48	108	6	102	45	45.5	25	45.5	25
6:(96*48)	48	96	109	9	100	89.5	45	25	90	25
7:(72*72)	72	72	109	9.5	99.5	67	67.5	25	67.5	25
8:(48*96)	96	48	109	9	100	44.5	90	25	45	25
9:(96*96)	96	96	108	8	100	91.5	92	25	92	25
Notes	Unit:(mm) tolerance $\pm 0.5\%$ (except special marked)									

9.Connection drawing

SD4 Power supply AC/DC 100-240V
Relay output AC 250V 1A



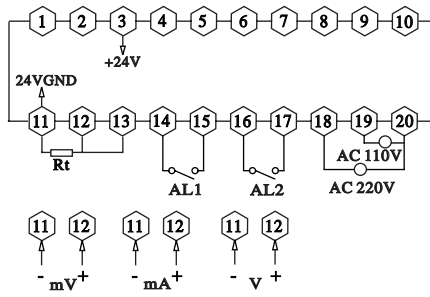
SD7 Power supply AC 110/220V $\pm 10\%$
Relay output AC 250V 1A



SD6/SD8

Power supply AC 110/220V±10%

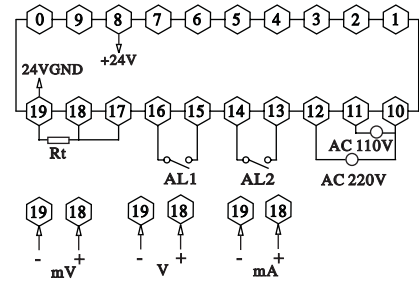
Relay output AC 250V 1A



SD9

Power supply AC 110/220V±10%

Relay output AC 250V 1A



Note: Please subject to the drawing on the products as final if there is any different from the above

10. Simple Problem Shooting

Display Message	Shooting Method
Display HHHH/LLLL	<ul style="list-style-type: none"> To check input signal connection well or not. To check FH, FL value To check working temperature is OK or not. To check input signal selection is right or not.