



## SD800 LCD Universal Indicator



### Feature :

#### Standard :

- ▶ LCD universal indicator
- ▶ T/C, RTD, Linear Input selection
- ▶ 20 kinds unit of measurement selected by user
- ▶ Two alarm output with various alarm mode
- ▶ Auxiliary DC24V power supply to drive transmitter
- ▶ Universal power supply:90~264VAC,50/60Hz

#### Optional :

- ▶ 3rd and 4th alarm output are available
- ▶ 4~20mA PV retransmission , used with recorder, monitoring system. Output status is indicated by LCD front panel
- ▶ RS-485 communication (MODBUS-RTU)  
Baud Rate: 9.6K 、 19.2K 、 38.4K 、 57.6K 、 115.2K  
Format:N,8,1 ; N,8,2 ; E,8,1 ; O,8,1 (MODBUS-RTU)

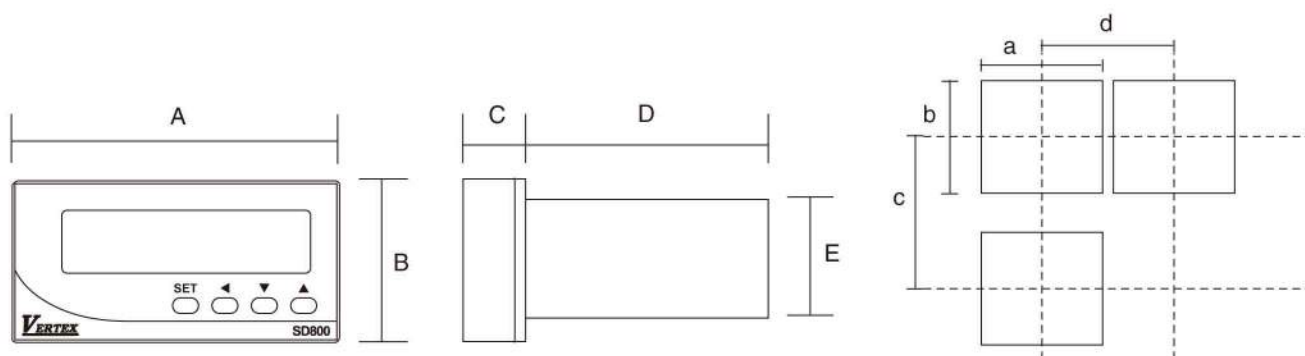


**Applications :** Indicator for temperature/humidity, Air-Conditioning, Gas Detector, DC current/voltage....etc. with retransmission , RS485 communication

Specifications	
Input	T/C : J. K. T.E. B. R.S.N.C
	RTD : DIN PT-100;JIS PT-100
	Linear: 4~20mA; 0~50mV; 1~5V; 0~10V...
	RS485(MODBUS RTU)
Accuracy	T/C $\pm$ 1°C; RTD $\pm$ 0.2°C; Linear $\pm$ 3 $\mu$ V
Sampling Time	0.1 second
Alarm	10A/ 240 VAC (Resistive load)
General	Rated Voltage : AC 90~264VAC 50 / 60Hz
	Ambient Temperature : 0~50°C
	Ambient Humidity : 0~90 %(Non-Condensing)
	Consumption : Less than 3VA

Unit of measurement selection.									
1	2	3	4	5	6	7	8	9	10
°C	°F	%	%RH	ppm	Bar	PA	MPA	KG	PSI
11	12	13	14	15	16	17	18	19	20
M	A	mA	mV	V	Hz	PH	KWH	kg/cm <sup>2</sup>	M <sup>3</sup> /h

## Dimension

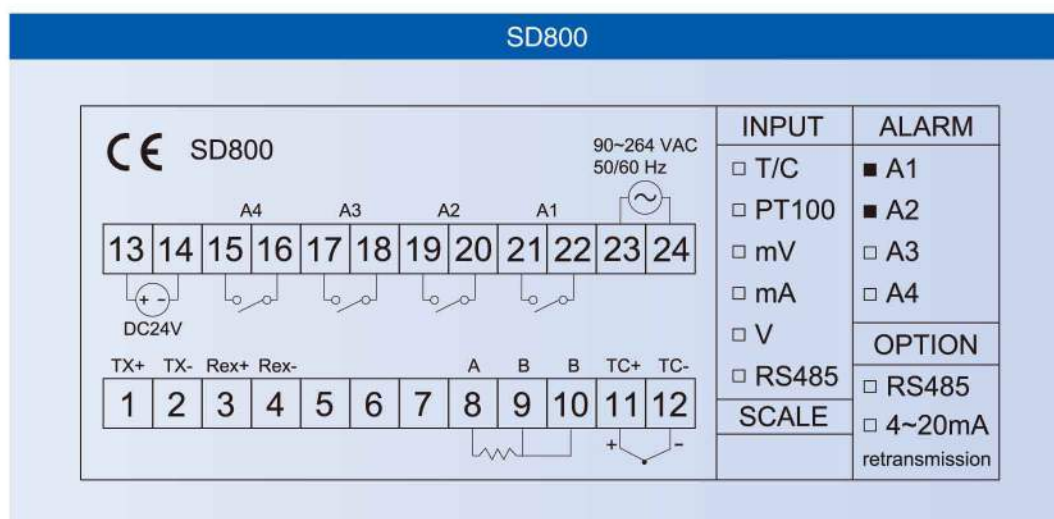


(Unit: mm)

### PANEL CUTOUT :

Model	A	B	C	D	E	a	b	c	d
SD800	96	48	9	80	45	92 <sup>+0.5</sup>	45 <sup>+0.5</sup>	48	120

## Wiring Diagram



## Ordering Information

SD800



I/P	Code
T/C	T
RTD	D
0-60mV	L
0-10V	V
0-24mA	M
RS485	C

Alarm	Code
2 Alarms	2
3 Alarms	3
4 Alarms	4

Selection 1	Code
Retransmission	R
None	N

Selection 2	Code
RS485	C
None	N