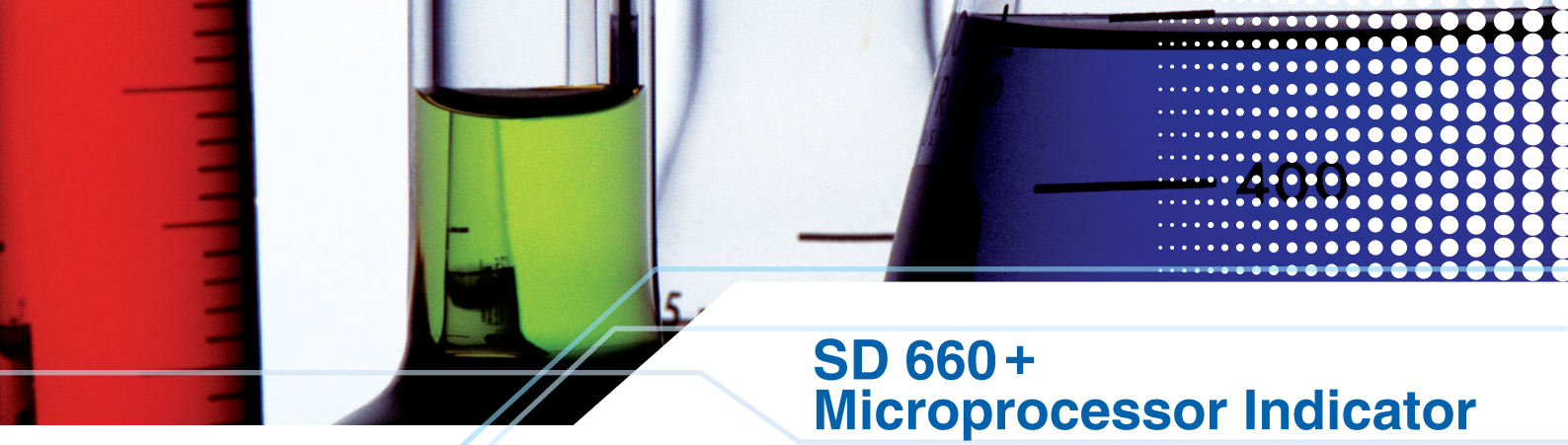


SD 660+
Microprocessor Indicator

Feature：

- 0.8"Large LED Display.
- T/C, RTD, Linear Input selection.
- Universal power supply : 100~240VAC, 50/60Hz. DC/AC 24V is also available for option.
- 3 Alarm output. (Note 1)
- Form A or Form B contact alarm function can be selected.
- 4-20mA PV Retransmission or RS-485 communication (MODBUS RTU) is available for option.

Note1: 2nd and 3rd Alarm are available for option.

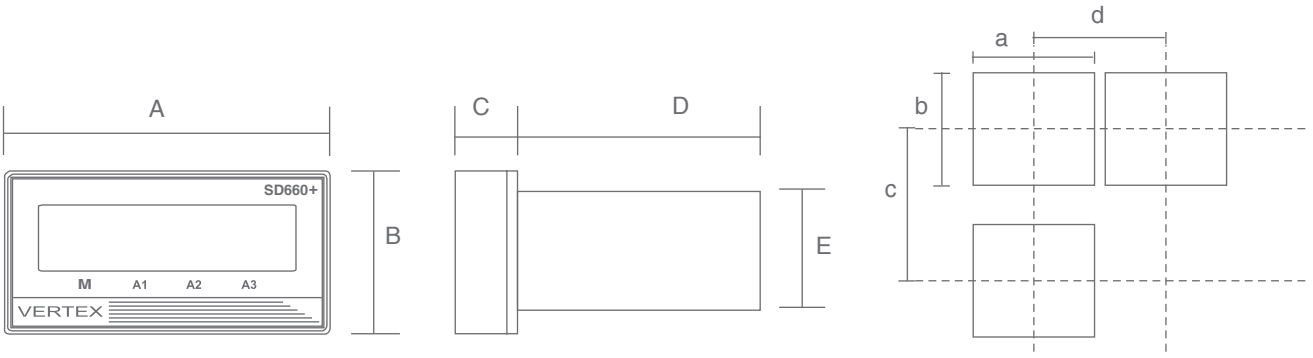
SD-660+

Specifications	
Input	Thermocouple: 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…
	RS-485 input
Accuracy	T/C±1°C; RTD±0.2°C; Linear±3μV
Sampling Time	0.25 sec.
Control	P Control: Proportional Band: 0.0~300.0% F.S
	ON / OFF Control: Hysteresis 0~2000
Cycle Time (0~100)	Relay 15 sec.
	Current Output (SSR) 1 sec.
	Continuous Current (Voltage): 0 sec.
Output	Relay Contact Output: 10A/ 240 VAC (Resistive load)
	Pulsed Voltage Output to Drive SSR: DC 0/24V (Resistive 250Ω min.)
	Current Output: 4~20mA; (Resistive 600Ω max.)
	Continuous Voltage Output: 0~50mV; 1~5V; 0~10V.... (Resistive 600Ω min.)
General	Rated Voltage: AC 100~240VAC 50/60Hz; DC 24V
	Ambient Temperature: 0~50°C
	Ambient Humidity: 0~90 %
	Consumption: Less than 3VA

Input		
Type	Temperature Range	
J	-50°C ~ 1000°C	-58°F ~ 1832°F
K	-50°C ~ 1370°C	-58°F ~ 2498°F
T	-270°C ~ 400°C	-454°F ~ 752°F
E	-50°C ~ 750°C	-58°F ~ 1382°F
B	0°C ~ 1800°C	32°F ~ 3272°F
R	0°C ~ 1750°C	32°F ~ 3182°F
S	0°C ~ 1750°C	32°F ~ 3182°F
N	-50°C ~ 1300°C	-58°F ~ 2372°F
C	-50°C ~ 1800°C	-58°F ~ 3272°F
DPT	-200°C ~ 850°C	-328°F ~ 1652°F
JPT	-200°C ~ 650°C	-328°F ~ 1202°F
LINE	-1999 ~ 9999	

Alarm Functions	
PV High Alarm	PV Low Alarm
Deviation High Alarm	Deviation Low Alarm
Band High Alarm	Band Low Alarm
PV High Alarm with Delay Time	PV Low Alarm with Delay Time

Dimension



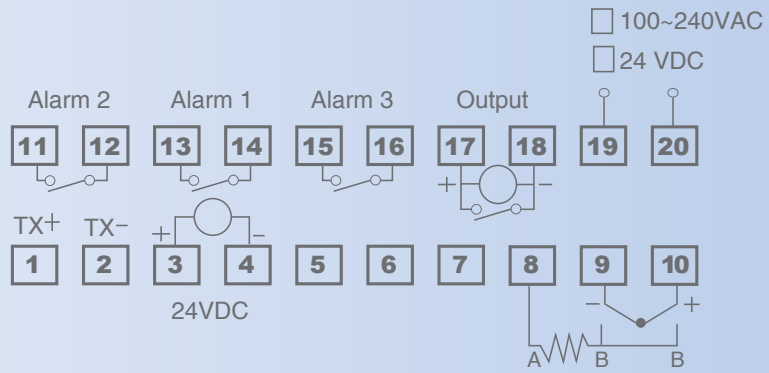
(Unit: mm)

PANEL CUTOUT :

Model	A	B	C	D	E	a	b	c	d
SD660+	96	48	9	80	45	$92^{+0.5}$	$45^{+0.5}$	48	120

Wiring Diagram

SD660+



Ordering Information

SD660+ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Input	Code
T/C	T
PT100(RTD)	D
0-60mV	L
0-10V	V
0-24mA	M
RS485	C

Control Output	Code
Relay	R
SSR	P
4-20mA DC	M
0~10V	V

Alarm	Code
1 Alarm	1
2 Alarm	2
3 Alarm	3

Control	Code
ON/OFF	O
P	P
PD	D

Option	Code
None	N
retransmission	R
RS-485	C

Power Supply	Code
100~240 VAC 50/60 Hz	A
DC 24V	D

Note 1: If input code ”L” is selected, please specify the input Signal and scale, for example: 4~20mA, 0.0~100.0

Note 2: If output code ”O” is selected, please specify the output Signal, for example: 1~5V