



## SD430 Microprocessor Indicator



### Feature :

- 4" Large LED Display.
- T/C, RTD, mV, mA, V, and Digital Input selection.
- Universal power supply: 90-264VAC, 50/60Hz.
- 2 Alarm output. (Note 1)
- Standby and Latch mode can be combined with 8 different alarm functions.
- 4-20mA or 0-10 Vdc retransmission and RS-485 communication (MODBUS RTU) are available for option.
- USB configuration port.

**Notel: 1st and 2nd Alarm are available for option**



# 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...

## Accuracy

- T/C $\pm$ 1 c c; RTD $\pm$ 0.2 0 C; V

## Sampling Time

- 0.25 sec. (8 sample/sec) 125ms

## Alarm

- Relay Contact Output: IOA/ 240 VAC (Resistive load)

## Retransmission

- Current Output: 4-20mA; (Resistive 600 Q max.)
- Continuous Voltage Output: 0-50mV; 1-5V; 0-1 OV....
- (Resistive 600 Q min.)

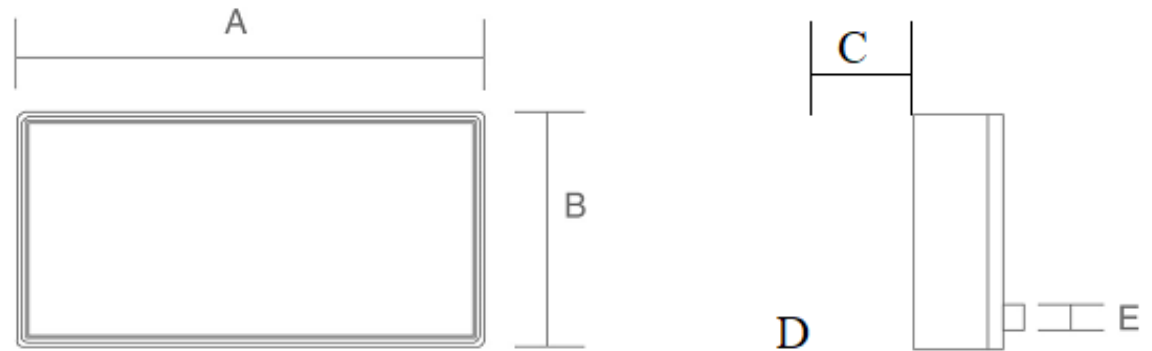
## General

- Rated Voltage: AC 90-264VAC 50/60Hz
- Ambient Temperature: 0-50 0 c
- Ambient Humidity: 0-90 %
- Consumption: Less than 3VA

**Type      Temperature Range**

<b>J</b>	<b>-50 'C ~ 1000 'C</b>
<b>K</b>	<b>-50 'C ~ 1370 'C</b>
<b>T</b>	<b>-270 'C ~ 400 'C</b>
<b>E</b>	<b>-50 'C ~ 750 'C</b>
<b>B</b>	<b>0 'C ~ 1800 'C</b>
<b>R</b>	<b>0 'C ~ 1750 'C</b>
<b>S</b>	<b>0 'C ~ 1750 'C</b>
<b>N</b>	<b>-50 'C ~ 1300 'C</b>
<b>C</b>	<b>-50 'C ~ 1800 'C</b>
<b>DPT</b>	<b>-200 'C ~ 850 'C</b>
<b>JPT</b>	<b>-200 'C ~ 650 'C</b>
<b>LINE</b>	<b>-1999 ~ 9999</b>

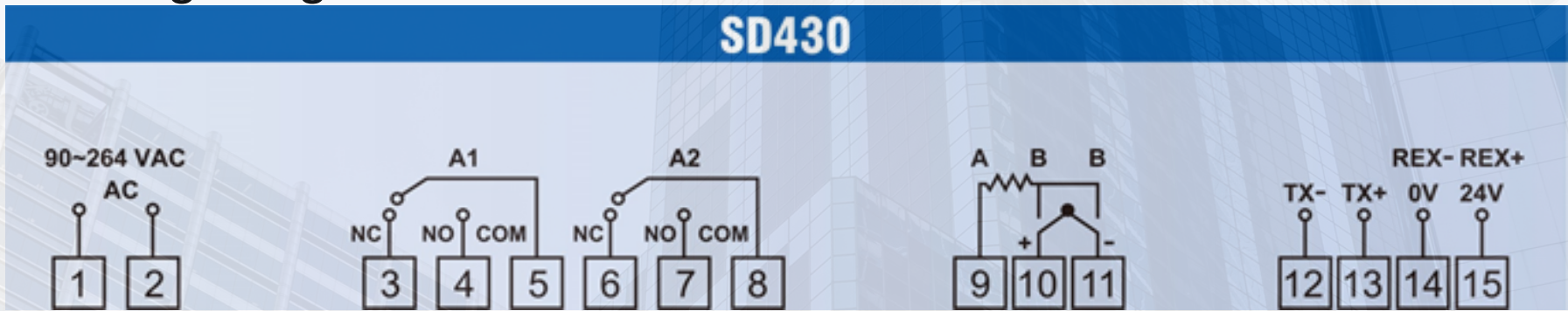
**Dimension**



**Panel Cutout :**

Model No .	A	B	C	D	E
SD430-3	374	150	61.2	13	14
SD430-4	464	150	61.2	13	14

## Wiring Diagram



## Ordering Information

**SD430**  -

Digits	Code
3 Digits	<b>3</b>
4 Digits	<b>4</b>

I/P	Code
T/C	<b>T</b>
PT100 (RTD)	<b>D</b>
0~60mV	<b>L</b>
0~10V	<b>V</b>
0~24mA	<b>M</b>
RS485	<b>C</b>

Retransmission	Code
None	<b>N</b>
4~20mA	<b>R</b>
0~10V	<b>V</b>
Other	<b>O</b>

RS-485	Code
None	<b>N</b>
RS-485	<b>C</b>