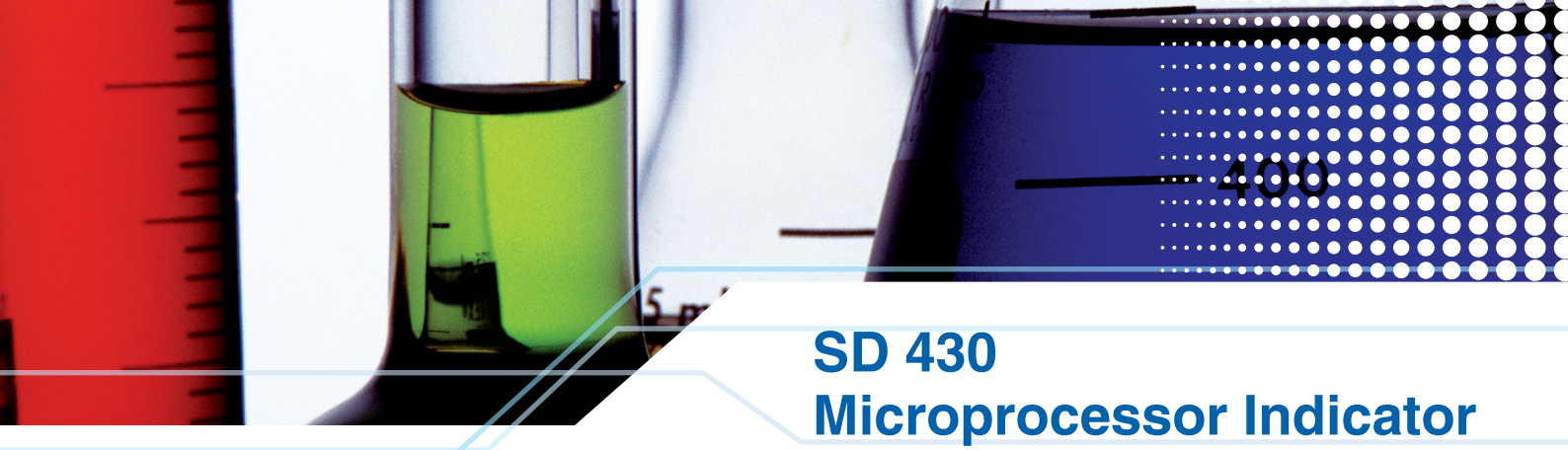
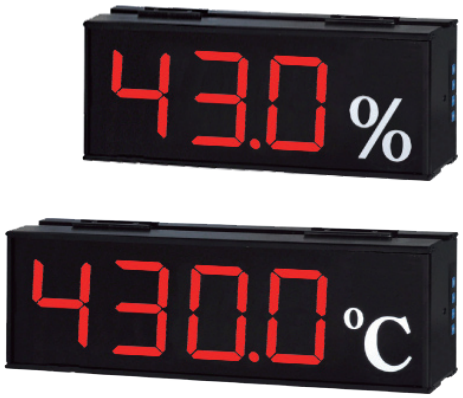


SD 430
Microprocessor Indicator

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 0~10Vdc retransmission and RS-485 communication(MODBUS RTU) are available for option.
- USB configuration port.

Note1: 1st and 2nd Alarm are available for option.



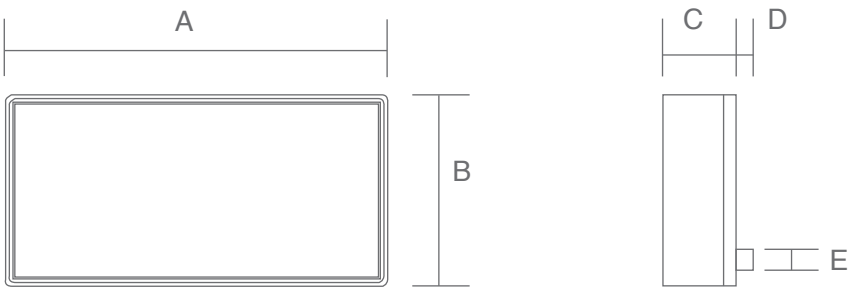
SD-430

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±1°C; RTD±0.2°C; Linear±3μV
Sampling Time	0.25 sec. (8 sample/sec) 125ms
Alarm	Relay Contact Output: 10A/ 240 VAC (Resistive load)
Retransmission	Current Output: 4~20mA; (Resistive 600Ω max.)
	Continuous Voltage Output: 0~50mV; 1~5V; 0~10V....
	(Resistive 600Ω min.)
General	Rated Voltage: AC 90~264VAC 50/60Hz
	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
LINE	-1999 ~ 9999	

Alarm Functions	
PV High Alarm	PV Low Alarm

Dimension

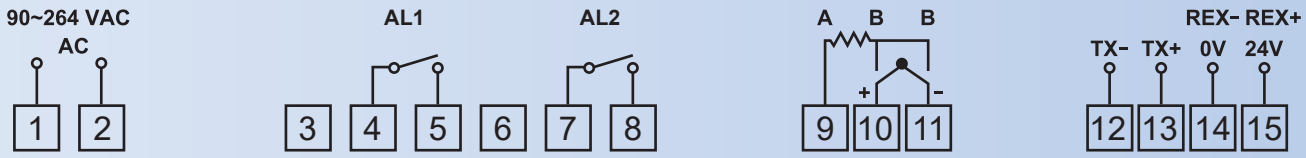


(Unit: mm)

Model	A	B	C	D	E
SD430-3	374	150	61.2	13	14
SD430-4	464	150	61.2	13	14

Wiring Diagram

SD430



Ordering Information

SD430 □

Digits	Code
3 Digits	3
4 Digits	4

□

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

□

Retransmission	Code
None	N
4~20mA	R
0~10V	V
Other	O

□

RS-485	Code
None	N
RS-485	C