

# INDICATER BIG DISPLAY (SBD-01)

TC/RTD/Analog Signal Universal Input  
 Multi Display Units can be choosed;  
 With Display, Alarm and Current Transmit function;  
 With RS485 Communication Function;



## Main Technical Specification

### Whole Meter Parameters

Power Supply	100~240V AC/DC
Total Current	<30mA (220VAC/50Hz)
Analog Output	4~20mA current output, Load resistance 600Ωmax
Alarm Output	Relay output load ability: 1A/230VAC
Auxiliary Voltage Output	DC 24V/30mA
Dielectric Strength	Dielectric strength between power supply terminal, Relay terminal and Signal input terminal over than 2000VAC 50HZ 1Minute
Communication	RS485, Modbus RTU Protocol
Protective Level	IP65
Working Environment	0~50°C 45~80RH%
Storage Environment	-10~60°C 25~85RH%

### Input Parameters

No.	Code	Input Type	Measuring Range	Resolution	Accuracy	Input Resistance
0	Ⓚ	K	-50~1200°C	1°C	±0.5%F.S±3digits	>100KΩ
1	Ⓝ	J	0~1200°C	1°C	±0.5%F.S±3digits	>100KΩ
2	ⓔ	E	0~850°C	1°C	±0.5%F.S±3digits	>100KΩ
3	Ⓣ	T	-50~400°C	1°C	±0.5%F.S±3digits	>100KΩ
4	Ⓟ	B	600~1800°C	1°C	±0.5%F.S±3digits	>100KΩ
5	Ⓡ	R	500~1600°C	1°C	±0.5%F.S±3digits	>100KΩ
6	Ⓢ	S	-10~1600°C	1°C	±0.5%F.S±3digits	>100KΩ
7	Ⓝ	N	-50~1200°C	1°C	±0.5%F.S±3digits	>100KΩ
8	ⓅⓉ	PT100	-199.9~650.0°C	0.1°C	±0.5%F.S±3digits	(0.2mA)
9	ⓃⓈ	CU50	-50.0~150.0°C	0.1°C	±0.5%F.S±3digits	(0.2mA)
10	ⓃⓈ	CU100	-50.0~150.0°C	0.1°C	±0.5%F.S±3digits	(0.2mA)
11	ⓂⓋ	0~50mV	0~50mV	1digit	±0.5%F.S±3digits	>100KΩ
12	Ⓜⓐ	4~20mA	0~20mA	1digit	±0.5%F.S±3digits	<150Ω
13	Ⓥ	0~10V	0~10V	1digit	±0.5%F.S±3digits	>47KΩ
14	ⓇⓉ	0~400Ω	0~400Ω	1digit	±0.5%F.S±3digits	>100KΩ

### Unit and Code Reference Table

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
Code	Ⓜ	ⓃⓂ	ⓃⓂ	ⓀⓀ	Ⓚ	ⓂⓀ	ⓂⓀⓀ	ⓀⓀ	ⓅⓀ	ⓂⓅⓀ	Ⓝ	Ⓜ	ⓀⓂ	ⓀⓂ	Ⓚ	ⓀⓀ	ⓂⓂ	Ⓜ	ⓀⓂ	ⓀⓂ	Ⓚ	ⓀⓀ	Ⓚ	Ⓚ	°C	°F
Unit	M	cm	mm	kg	g	mg	Mpa	pa	ba	Mba	N	W	KW	RPM	Hz	KHz	mV	V	KV	mA	A	KA	Ω	KΩ	°C	°F



Model: SBD-01

Wide=440 mm, High=200 mm, Deep=50 mm