## HT824 - Process Calibrator

HT824 multifunctional process calibrator has high accuracy, high stability, can be widely used in site calibration of industry instruments and equipment in laboratory. Powerful functions, it can simulate to output voltage in millivolt and volt, current in milliampere, and many types of electric signals needed by the measurement and control during industry control process. It can also test or simulate kinds of TC and RTD signals.



## Features

- HT824 multifunctional process calibrator has high accuracy, high stability, can be widely used in site calibration of industry instruments and equipment in laboratory. Powerful functions, it can simulate to output voltage in millivolt and volt, current in milliampere, and many types of electric signals needed by the measurement and control during industry control process. It can also test or simulate kinds of TC and RTD signals.
- 5 1/2 digit input/output display.
- Manual/auto cold junction compensation and setting.
- The temperature value can be directly measured/output.
- Auto power off when the voltage of battery is low.
- Apply advanced built-in battery management system. 7.4V/7800mAh lithium battery, which can easily last for over 8 hours during site measurement work.
- Auto triangular wave/step wave signal output.
- It can store 8 sets of measurement and output data, and recall it to display. All the setting value and the function in the last operation can be saved automatically after power-off.
- The screen shows the connection diagram of probes and plugs to avoid wrong operation. It has backlight.
- The output has manual/auto step and slope output function. It can arbitrarily set the value of 0%, 25%, 100% in the range of signal output to test the response speed of transmitter.
- Application field: measurement and calibration of instruments, maintenance and overhaul of temperature
  instruments, automatically maintenance and overhaul, project construction debugging, detection and diagnosis
  of control system signal source, configuration of site instrument repairmen room, matching of the thermal
  engineering laboratory in electric power industry.

## Specification.

Model	HT824					
DC Voltage Measurement						
Range	0-30.000V (Upper part of screen	0-24.000V (Bottom of	0-90.000mV			

	) *1	0.0r0.0n \ *0				
D 1 . *		screen) *2	0.004>/			
Resolution	0.001V	0.001V	0.001mV			
Accuracy	0.1%+5	0.05%+5	0.05%+5			
	*1和*2: Input resista	nce is greater than 1MΩ				
DC Voltage Output						
Range	0—20.000V	0—90.000mV				
Resolution	0.001V		01mV			
Accuracy	0.05%+5	0.0	5%+5			
Millivolt measurem	ent and output*1					
Range		-10.000mV—80.000mV				
Resolution		0.001mV				
Accuracy		0.05%+5				
	elect this function. Signal is at thermocoup	ole micro input/output TC port.				
DC Current (millia	mpere) Measurement					
Range	0—24.000mA (Upper part of	0-24.000mA (Bottom of screen) *2				
D 1	screen) *1	0.00	01mA			
Resolution	0.001mA		• • • • • •			
Accuracy	0.05%+5	0.0	5%+5			
DC Current (millia	mpere) Output	0.24.000~1				
Range Resolution		0—24.000mA 0.001mA				
Accuracy		0.05%+5				
	> \//han outputting ourrant outorna		( lass there 00) (			
	When outputting current, externa		7, less than 28V.			
	When outputting current, signal driv	$1000 \Omega$ in 20mA.				
Resistance Measure	ment	0 100 000	400.0 4000.00			
)hm Range		0—400.00Ω	400.0—4000.0Ω			
Accuracy +0	4 Wire (4W)	0.02%+5	0.02%+5			
Accuracy ±Ω						
•	2 Wire (2W) and 3 Wire (3W)	0.05%+5	0.05%+5			
Excitation current	: 0.2mA.	0.05%+5	0.05%+5			
Accuracy ±Ω Excitation current Maximum input volt	: 0.2mA. age: 30V.	0.05%+5	0.05%+5			
Excitation current Maximum input volt 2 Wire: Do notino	: 0.2mA。 age: 30V。 clude wire resistance.					
Excitation current Maximum input volt 2 Wire: Do notino	: 0.2mA. age: 30V.					
Excitation current Maximum input volt 2 Wire: Do notino 3 Wire: Assume 1	: 0.2mA。 age: 30V。 clude wire resistance.					
Excitation current Maximum input volt 2 Wire: Do notino 3 Wire: Assume 1	: 0.2mA。 age: 30V。 clude wire resistance.	e total resistance cannot be				
Excitation current Maximum input volt 2 Wire: Do notine 3 Wire: Assume 1 Resistance output Range Excitation	: 0.2mA。 age: 30V。 clude wire resistance. to use the matched testing wire, the	e total resistance cannot be	greater than 100Ω.			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume to Resistance output Range Excitation current from the	: 0.2mA。 age: 30V。 clude wire resistance. to use the matched testing wire, the	e total resistance cannot be	greater than 100Ω.			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume to Resistance output Range Excitation current from the measurement	: 0.2mA <sub>e</sub> age: 30V <sub>e</sub> clude wire resistance. to use the matched testing wire, the 5.00Ω-400	e total resistance cannot be	greater than 100Ω. 400.0—1500.0Ω			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume to Resistance output Range Excitation current from the measurement instrument	: 0.2mA <sub>e</sub> age: 30V <sub>e</sub> clude wire resistance. to use the matched testing wire, the 5.00Ω-400	e total resistance cannot be 0.00Ω mA	greater than 100Ω. 400.0—1500.0Ω			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume to Resistance output Range Excitation current from the measurement	: 0.2mA <sub>o</sub> age: 30Vo clude wire resistance. to use the matched testing wire, the 5.00Ω—400 0.15mA-2 0.05%+	e total resistance cannot be 0.00Ω mA	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume to Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω	: 0.2mA <sub>o</sub> age: 30V <sub>o</sub> clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.05%+ 0.1Ω	e total resistance cannot be 0.00Ω mA	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume to Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther	: 0.2mA <sub>o</sub> age: 30Vo Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.05%+ 0.1Ω mocouple	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω			
Excitation current Maximum input volt 2 Wire: Do not inco 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution	: 0.2mA <sub>o</sub> age: 30V <sub>o</sub> clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.05%+ 0.1Ω	e total resistance cannot be 0.00Ω mA	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume to Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther	: 0.2mA <sub>o</sub> age: 30Vo Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.05%+ 0.1Ω mocouple	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output			
Excitation current Maximum input volt 2 Wire: Do not inco 3 Wire: Assume to Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther Type	: 0.2mA <sub>o</sub> age: 30V <sub>o</sub> clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.05%+ 0.1Ω mocouple	e total resistance cannot be 0.00Ω mA 5 Resolution	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C			
Excitation current Maximum input volt 2 Wire: Do not inco 3 Wire: Assume to Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther Type	: 0.2mA <sub>o</sub> age: 30Vo Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.05%+ 0.1Ω mocouple Range -50.0°C to 0°C	e total resistance cannot be 0.00Ω mA 5 Resolution 0.1℃/0.1°F	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C			
Excitation current Maximum input volt 2 Wire: Do not inco 3 Wire: Assume to Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther Type	: 0.2mA <sub>o</sub> age: 30V <sub>o</sub> clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.05%+ 0.1Ω mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C	e total resistance cannot be 0.00Ω mA 5 Resolution 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C			
Excitation current Maximum input volt 2 Wire: Do noting 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther Type	: 0.2mA <sub>o</sub> age: 30Vo Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.05%+ 0.10 mocouple Range -50.0°C to 0°C 500.0°C to 1760.0°C -50.0°C to 0°C	e total resistance cannot be 0.00Ω mA 5 Resolution 0.1℃/0.1°F 0.1℃/0.1°F 0.1℃/0.1°F 0.1℃/0.1°F	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C 2°C			
Excitation current Maximum input volt 2 Wire: Do noting 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther Type	: 0.2mA <sub>o</sub> age: 30Vo Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.05%+ 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 0°C 0°C to 500.0°C	e total resistance cannot be 0.00Ω mA 5 Resolution 0.1℃/0.1°F 0.1℃/0.1°F 0.1℃/0.1°F 0.1℃/0.1°F 0.1℃/0.1°F 0.1℃/0.1°F	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C 2°C 1.5°C			
Excitation current Maximum input volt 2 Wire: Do noting 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther Type	: 0.2mA <sub>o</sub> age: 30Vo Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.05%+ 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C 2°C 1.5°C 1.3°C			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume 1 Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther Type S	: 0.2mA。 age: 30V。 clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.05%+ 0.1Ω mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C 500.0°C to 1760.0°C 200°C to 800°C	e total resistance cannot be 0.00Ω mA 5 Resolution 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 1°C/0.1°F 1°C/0.1°F	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C 2°C 1.5°C 1.3°C 2.5°C			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume 1 Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Type S	: 0.2mA <sub>o</sub> age: 30Vo Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.05%+ 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C 500.0°C to 1760.0°C 200°C to 1800°C 800°C to 1800°C	e total resistance cannot be 0.00Ω mA 5 Resolution 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 1°C/0.1°F 1°C/1°F 1°C/1°F	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C 2.5°C 2.3°C			
Excitation current faximum input volt 2 Wire: Do not inco 3 Wire: Assume for Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution 'emperature - Ther Type 5 6 7 8	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.05%+ 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C 500.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C 2°C 1.5°C 1.3°C 2.5°C 2.3°C 1.3°C			
Excitation current faximum input volt 2 Wire: Do not inco 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Type S S S S S S S S S S S S S	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.05%+ 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C -50.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C -200.0°C to 1370.0°C	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C 2.5°C 2.3°C 1.3°C 1.3°C 1.3°C			
Excitation current faximum input volt 2 Wire: Do not inco 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Type S R S R S N	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.15mA-2 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C -50.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C -200.0°C to 1300.0°C -200.0°C to 1000.0°C	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C 2°C 1.5°C 1.3°C 2.5°C 2.3°C 1.3°C			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume to Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.05%+ 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C -50.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C -200.0°C to 1370.0°C	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω. 400.0—1500.0Ω 0.05mA-0.8mA 0.05%+5 0.1Ω Measurement and output accuracy ±°C 2°C 1.5°C 1.3°C 2.5°C 2.3°C 1.3°C 1.3°C 1.3°C			
Excitation current Maximum input volt 2 Wire: Do not inc 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Temperature - Ther Type S R A A C N E C N E C N E C C C C C C C C C C C C C	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.15mA-2 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C -50.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C -200.0°C to 1300.0°C -200.0°C to 1000.0°C	A           0.00Ω           mA           5           Resolution           0.1°C/0.1°F	greater than 100Ω.         400.0—1500.0Ω         0.05mA-0.8mA         0.05%+5         0.1Ω         Measurement and output accuracy ±°C         2°C         1.5°C         1.3°C         2.5°C         2.3°C         1.3°C			
Accitation current Aaximum input volt 2 Wire: Do not inco 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Type 5 6 7 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.05%+ 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C -50.0°C to 1760.0°C 500.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C -200.0°C to 1300.0°C -200.0°C to 1200.0°C -200.0°C to 1200.0°C	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω.         400.0—1500.0Ω         0.05mA-0.8mA         0.05%+5         0.1Ω         Measurement and output accuracy ±°C         2°C         1.5°C         1.3°C         2.5°C         1.3°C         2.5°C         1.3°C         1.3°C			
Excitation current faximum input volt 2 Wire: Do not income 3 Wire: Assume for Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Type 5 7 8 8 8 8 8 8 9 9 10 10 10 10 10 10 10 10 10 10	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.05%+ 0.10 mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C -50.0°C to 1760.0°C 500.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C -200.0°C to 1300.0°C -200.0°C to 1200.0°C -200.0°C to 1200.0°C	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω.         400.0—1500.0Ω         0.05mA-0.8mA         0.05%+5         0.1Ω         Measurement and output accuracy ±°C         2°C         1.5°C         1.3°C         2.5°C         1.3°C         2.5°C         1.3°C         1.3°C			
Excitation current daximum input volt 2 Wire: Do not inc 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Cemperature - Ther Type 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.05%+ 0.1Ω mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C -50.0°C to 1760.0°C 0°C to 500.0°C 500.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C -200.0°C to 1370.0°C -200.0°C to 1300.0°C -200.0°C to 1300.0°C -200.0°C to 1200.0°C -200.0°C to 400.0°C -200.0°C to 400.0°C s ITS-90 ion compensation, there should be add	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω.         400.0—1500.0Ω         0.05mA-0.8mA         0.05%+5         0.1Ω         Measurement and output accuracy ±°C         2°C         1.5°C         1.3°C         2.5°C         1.3°C         2.5°C         1.3°C         1.3°C			
Excitation current faximum input volt 2 Wire: Do not ind 3 Wire: Assume f Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Type S S C C C C C C C C C C C C C	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.05%+ 0.1Ω mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C -50.0°C to 1760.0°C 0°C to 500.0°C 500.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C -200.0°C to 1370.0°C -200.0°C to 1300.0°C -200.0°C to 1300.0°C -200.0°C to 1200.0°C -200.0°C to 400.0°C -200.0°C to 400.0°C s ITS-90 ion compensation, there should be add	e total resistance cannot be 0.00Ω mA 5	greater than 100Ω.         400.0—1500.0Ω         0.05mA-0.8mA         0.05%+5         0.1Ω         Measurement and output accuracy ±°C         2°C         1.5°C         1.3°C         2°C         1.3°C         2.5°C         1.3°C			
Excitation current faximum input volt 2 Wire: Do not income 3 Wire: Assume for Resistance output Range Excitation current from the measurement instrument Accuracy ±Ω Resolution Type 5 7 8 8 8 8 8 8 9 9 10 10 10 10 10 10 10 10 10 10	: 0.2mA。 age: 30V。 Clude wire resistance. to use the matched testing wire, the 5.00Ω-400 0.15mA-2 0.15mA-2 0.15mA-2 0.05%+ 0.1Ω mocouple Range -50.0°C to 0°C 0°C to 500.0°C 500.0°C to 1760.0°C -50.0°C to 1760.0°C -50.0°C to 1760.0°C 0°C to 500.0°C 500.0°C to 1760.0°C 200°C to 800°C 800°C to 1800°C -200.0°C to 1370.0°C -200.0°C to 1370.0°C -200.0°C to 1300.0°C -200.0°C to 1300.0°C -200.0°C to 1200.0°C -200.0°C to 400.0°C -200.0°C to 400.0°C s ITS-90 ion compensation, there should be add	e total resistance cannot be 0.00Ω mA 5 Resolution 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 0.1°C/0.1°F 1°C/1°F 1°C/1°F 0.1°C/0.	greater than 100Ω.         400.0—1500.0Ω         0.05mA-0.8mA         0.05%+5         0.1Ω         Measurement and output accuracy ±°C         2°C         1.5°C         1.3°C         2°C         1.3°C         2.5°C         1.3°C			

Pt100-385	<b>-200.0</b> °℃ <b>-850.0</b> °℃	0.8°C	1 ℃	0.8°C			
Pt100-3926	<b>-200.0</b> °C <b>-850.0</b> °C	0.8°C	1℃	0.8°C			
Pt100-JIS	<b>-200.0</b> °C <b>-850.0</b> °C	0.8°C	1 ℃	0.8°C			
Pt200-385	<b>-200.0</b> °C <b>-250.0</b> °C	0.7°C	0.8°C	0.7°C			
	<b>250.0℃-630.0℃</b>	<b>1.3</b> ℃	<b>2.1</b> ℃	1.3℃			
Pt500-385	<b>-200.0</b> °C <b>-500.0</b> °C	0.8°C	1.1℃	0.8°C			
	<b>500.0℃</b> —630.0℃	1℃	1.5℃	1℃			
Pt1000-385	<b>-200.0</b> °C <b>-100.0</b> °C	<b>0.7</b> ℃	0.7℃	0.8°C			
	<b>100.0℃-630.0℃</b>	<b>0.7</b> ℃	<b>0.8</b> ℃	0.8°C			
Cu100	-50.0℃-150.0℃	1℃	<b>1.2</b> ℃	1℃			
Cu50	-50.0℃-150.0℃	1 ℃	<b>1.2</b> ℃	1℃			
Resolution: 0.1°C,	0.1°F			-			
Allowable excitat	ion current(output): Pt100-385, Pt	100-392, Pt100-JIS, Pt200-385	:0.15 to 3.0 mA				
Pt500-385:0.05 to	0.80mA;Pt1000-385:0.05 to 0.40m	A					
2 Wire: Do not in	nclude wire resistance.						
3 Wire: Assume	to use the matched testing wir	e, the total resistance can	not be greater than	100Ω.			
Comprehensive Ind	lex						
Operation temperature	0℃ to 50℃						
Storage temperature	-20℃ to 70℃						
Operation height	Average elevation 3000 meters below.						
D.1	75%(30℃ to 40℃)						
Deletion louidito	75%(30°C to 40°C)						
Relative humidity	45%(40°C to 50°C)						
Relative humidity (No condensation relative work	45%(40℃ to 50℃)						
(No condensation relative work	45%(40℃ to 50℃) 35%(50℃ to 55℃)						
(No condensation relative work humidity %)	45%(40℃ to 50℃) 35%(50℃ to 55℃) <10℃, no control	egree increase ±0.005% of t	he range.				
(No condensation relative work humidity %) Stability	45%(40℃ to 50℃) 35%(50℃ to 55℃) <10℃, no control Out of the range 23±5℃, each de		he range.				
(No condensation	45%(40℃ to 50℃) 35%(50℃ to 55℃) <10℃, no control		he range.				