



VICOR 01

Accuracy:
±0.05%

Technical data (Output function)

Output	Range	Output range	Resolution	Accuracy	Explanation
Voltage	100mV	-10.00~110.00mV	0.01mV	±0.05% Setting value ±30uV	The max. output current ±5mA
	1000mV	-100.00~1100.0mV	0.1mV	±0.05% Setting value ±0.3mV	
Resistance	400Ω	0.0~400.0Ω	0.1Ω	±0.05% Setting value ±0.2Ω	1mA exciting current (note1,2)
Thermocouple	R	-40~1760℃	1℃	±0.05% Setting value ±3℃(≤100℃)	Adopt the ITS-90 temperature standard (Note 3)
	S	-20~1760℃	1℃	±0.05% Setting value ±2℃(>100℃)	
	B	400~1800℃	1℃	±0.05% Setting value ±3℃(400~600℃)	
				±0.05% Setting value ±2℃(>600℃)	
	E	-200.0~1000.0℃	0.1℃	±0.05% Setting value ±2℃(≤-100℃)	
	K	-200.0~1370℃		±0.05% Setting value ±1℃(>-100℃)	
	J	-200.0~1200.0℃			
	T	-200.0~400.0℃			
N	-200.0~1300.0℃				
Thermo-resistance	Pt100	-200.0~850.0℃	0.1℃	±0.05% Setting value ±0.6℃	Adopt the Pt100-385 1mA (Note 1, 2)
	Cu50	-50.0~150.0℃			

Note:

1. Not including the accessorial lead resistance
2. The range of exciting current: 0.5mA~2mA, the max. output voltage ≤2V
3. Not including the accuracy of inner temperature compensatory transducer. The range of inner temperature compensatory transducer: -10-50℃, Compensatory error ≤0.5℃.
4. Temperature coefficient: ±0.005%, range/℃(0℃-18℃, 28℃-50℃)