KUSAM-MECO

An ISO 9001:2000 Company

TEMPERATURE CALIBRATOR
MODEL KM-CAL-901

Preliminary Data

Accuracy ± 0.05%

TECHNICAL DATA

OUTPUT FUNCTION

Output	Range	Output Range	Resolution	Accuracy	Remarks
Voltage	100mV	-10.00~110.00mV	0.01mV	±0.05% Setting value ± 30uV	The max. Output current ± 5mA
	1000mV	-100.00~1100.00mV	0.1mV	±0.05% Setting value ± 0.3mV	
Resistance	400	0.0~400.0	0.1	±0.05% Setting value ± 0.2	1mA exciting current (Note1,2)
Thermo-couple	R	-40~1760°C	1°C	±0.05% Setting value ± 3°C(<or=100°C)	Adopt the ITS-90 temperature standard (Note 3)
	S	-20~1760°C	1°C	±0.05% Setting value ± 2°C(>100°C)	
	B	400~1800°C	1°C	±0.05% Setting value ± 3°C(400~600°C)	
				±0.05% Setting value ± 2°C(>600°C)	
	E	-200.0~1000.0°C	0.1°C	±0.05% Setting value ± 2°C(<or=100°C) ±0.05% Setting value ± 1°C(>-100°C)	
	K	-200.0~1370°C	0.1°C		
	J	-200.0~1200.0°C	0.1°C		
	T	-200.0~400.0°C	0.1°C		
	N	-200.0~1300.0°C	0.1°C		
Thermo-resistance	Pt-100	-200.0~850.0°C	0.1°C	±0.05% Setting value ± 0.6°C	Adopt the PT100-385 1mA (Note1,2)
	Cu 50	-50.0~150.0°C	0.1°C		

Note : 1. Not including the accesories 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°C,
compensatory error 0.5°C

4. Temperature coefficient : ± 0.005%, range / °C (0°C- 18°C, 28°C - 50°C).

Note: All Specification are Subject to change.

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