

Datos técnicos

1575A/1590 Super-Thermometer Readout



Especificaciones: 1575A/1590 Super-Thermometer Readout

Specifications	1575A			1590		
	Nominal Resistance	Accuracy (of indicated value)	Equivalent Temp. Value, at 0 °C	Nominal Resistance	Accuracy (of indicated value)	Equivalent Temp. Value, at 0 °C
Transfer Accuracy (using exteal reference resistor)	0.25W 2.5W 25W 100W 10 KW	40 ppm 20 ppm 4 ppm 4 ppm 10 ppm	0.01 °C 0.005 °C 0.001 °C 0.001 °C 0.00025 °C (thermistor at 25 °C)	0.25W 2.5W 25W 100W 10 KW	20 ppm 5 ppm 1 ppm 1 ppm 5 ppm	0.005 °C 0.00125 °C 0.00025 °C 0.00025 °C 0.000125 °C (thermistor at 25 °C)
Absolute Accuracy (using inteal reference resistor)	0.25W 2.5W 25W 100W 10 KW	100 ppm 40 ppm 8 ppm 8 ppm 20 ppm	0.025 °C 0.01 °C 0.002 °C 0.002 °C 0.0005 °C (thermistor at 25 °C)	0.25W 2.5W 25W 100W 10 KW	40 ppm 20 ppm 6 ppm 6 ppm 10 ppm	0.01 °C 0.005 °C 0.0015 °C 0.0015 °C 0.00025 °C (thermistor at 25 °C)

Typical Resolution	0.25W	10 ppm	0.0025 °C	0.25W	10 ppm	0.0025 °C
	2.5W	5 ppm	0.00125 °C	2.5W	2 ppm	0.0005 °C
	25W	1 ppm	0.00025 °C	25W	0.5 ppm	0.000125 °C
	100W	1 ppm	0.000075 °C	100W	0.5 ppm	0.00005 °C
	10 KW	3 ppm	(thermistor at 25 °C)	10 KW	2 ppm	(thermistor at 25 °C)
Resistance Range	0W to 500 KW					
Inteal Reference Resistors	1W, 10W, 100W, 10 KW					
Minimum Measurement Period	2 seconds					
Current Source	0.001 mA to 15 mA, programmable					
Analog Output	-5 to +5 V					
Display	Monochrome LCD with CCFT backlight			Color LCD with CCFT backlight		
Power	100-125/200-250 VAC (user switchable), 50/60 Hz, 1 A					
Size/Weight	178 mm H x 516 mm W x 320 mm D (7.0 x 20.3 x 12.6 in) / 16 kg (35 lb.)					
Calibration	Includes NIST-traceable accredited calibration					

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