

MODEL 5550

LARGE DISPLAY PT100 THERMOMETER

FEATURES

These large display LED Thermometers are high accuracy microprocessor driven thermometers for use with PT100 type sensors

High accuracy microprocessor based instrument with a measurement range of -200 to +850 °C and an operating range of -30 to 50 °C.

- *** °C / °F Switchable
- *** Resolution of 0.1° to 1000°C Autoranging
- *** PT100
- *** Three or four wire measurement modes
- *** Overrange / Open circuit sensor indication
- *** LED Display

SPECIFICATION

Environmental

AMBIENT OPERATING RANGE	:	0 to 50 °C
STORAGE TEMPERATURE RANGE	:	-40 to 50 °C
HUMIDITY	:	0 to 70% R.H.

ELECTRICAL

Measurement ranges	:	-200 to 850°C
Sensor types	:	User configurable for three or four wire modes

Accuracy @ 23°C	:	± 0.1% reading ±0.2°C
Characterising accuracy	:	Less than 0.05°C
Temperature coefficient	:	0.01% of reading / °C
Resolution	:	0.1° autoranging 1° above 1000°

Input voltage ranges	*	: 240 V AC ±10%
		: 110 V AC ± 10%
	*	: 9-30 V AC or DC

* Option - specify at time of ordering

GENERAL

Dimensions	:	380 x 150 x 200 mm
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