

## MODEL 5050

### PANEL MOUNT PT100 THERMOMETER

#### FEATURES

These Panel mount instruments are high accuracy microprocessor driven thermometers for use with PT100 sensors.

The sensor calibrations are based upon NBS and BS tables. The units are housed within a tough ABS case and comes complete with front seals and fixing brackets.

- \*\*\* °C / °F Switchable
- \*\*\* Resolution of 0.1° to 1000°C Autoranging
- \*\*\* 3 / 4 or 2 Wire configuration
- \*\*\* Overrange / Open circuit sensor indication
- \*\*\* LCD Backlight Display

#### SPECIFICATION

##### Environmental

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

##### ELECTRICAL

Accuracy @ 23°C	:	± 0.15% reading ±0.2°C
Characterising errors	:	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

Weight	:	350 gms
Dimensions	:	96 X 48 X 120 mm 4.65"X2.24"X5.90"
Connections	:	Sprung Terminal Connectors