

## MODEL 4050

### SINGLE I/P WALL MOUNTED PT100 THERMOMETER

#### FEATURES

A high accuracy microprocessor driven thermometer for use with PT100 sensors.

The sensor calibrations are based upon NBS and BS tables. The units are housed within tough ABS cases complete with tilt feet for ease of viewing.

- \*\*\* °C / °F Switchable
- \*\*\* Resolution of 0.1° to 1000°C Autoranging
- \*\*\* 3 / 4 or 2 Wire configuration
- \*\*\* Overrange / Open circuit sensor indication
- \*\*\* Large LCD Backlit Display
- \*\*\* Optional rechargeable battery pack
- \*\*\* Optional alarm output

#### SPECIFICATION

##### Environmental

AMBIENT OPERATING RANGE	:	0 to 50 °C
STORAGE TEMPERATURE RANGE	:	-40 to 50 °C
HUMIDITY	:	0 to 70% R.H.
FRONT PANEL PROTECTION	:	IP65 (splash proof)

##### ELECTRICAL

Accuracy @ 23°C	:	± 0.25% 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°
Optional alarm output	:	Relay 5A@ 30Vdc, 5A@ 120Vac
Optional battery life	:	With backlight 3.5 Hrs Without backlight 2000 Hrs
Power	:	240V ac or 100V ac or 9-30V ac/dc*

\*(please specify when ordering)

##### GENERAL

Weight	:	2.5 lbs (1.1 kg)
Dimensions	:	7.28 x 8.38 x 4.45 inches (185 x 213 x 113mm)
Packed dimensions	:	9.45 x 12 x 9.06 inches (240 x 305 x 230mm) 1.5 kg
Connections	:	Miniature Connectors (RS 453-678)