

L14BM INSTRUCTIONS FOR INSTALLATION AND USE.



1. INSTALLATION

1.1 To secure the unit to the wall, please remove the locking screw and lift the lid from bottom upwards. In this way, you will have access to the four fixing holes located at the corners of the enclosure.

Caution! The internal parts of the unit are connected to the supply voltage (230V). A contact with them may be fatal.

1.2 The instrument should work with room temperatures between -10°C .. $+50^{\circ}\text{C}$ and relative humidity between 15%.. 80% inclusive. To reduce the effects of electromagnetic disturbance, keep the sensor and the unit itself well separate from the power wires.

1.3 Supply voltage and probe connection set-up should scrupulously comply with the indications given on the container.

RE-CALIBRATION

2a : should the thermometer be re-calibrated following probe replacement or cable being extended considerably, then proceed as follows: use an accurate thermometer, make sure that the two probes are at the same temperature – immerse them in a liquid to achieve this, if necessary -. By means of a screwdriver, turn the trimmer located near the transformer.

TECHNICAL DATA

Dimensions	79x115x42 mm (WxHxD)
Operating temp.	-10°C ... $+50^{\circ}\text{C}$
Range	50°C ... $+130^{\circ}\text{C}$
Resolution	1°C
Input	PTC1000
Relay power rating	refer to data on unit
Connections	screw terminal blocks, \varnothing 2 mm ²
Supply voltage	230 Vac, 3 VA
Front protection	IP45
Enclosure inflammability	fire-retardant
Probe accuracy	$< \pm 1.5^{\circ}\text{C}$ at 25°C
Instrument accuracy	$\pm 0.75^{\circ}\text{C}$

According to standards: EN60730-1 EN60730-2-9 EN50081-1 EN50082-1

WIRING DIAGRAM

