



TI-07R ϵ

DIGITAL THERMOMETER

Ver.06



T107R1V06-02T-11331

1. DESCRIPTION

TI-07R ϵ is a digital thermometer that offers accuracy, repeatability, robust construction and immunity against the vibrations, humidity and interferences.
Product complies with UL Inc. (United States and Canada).

2. APPLICATION

- Refrigerated equipment
- Greenhouses
- Ovens
- Climatized rooms
- Nourishing, chemical and pharmaceutical industries

3. TECHNICAL SPECIFICATIONS

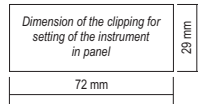
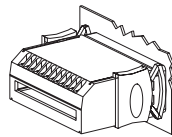
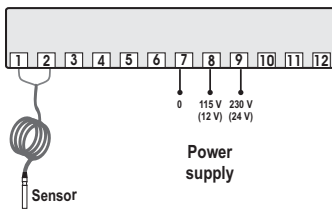
- Power supply: 115/230 Vac \pm 10% (50/60 Hz) or 12/24 Vac/dc
- Temperature range: -50 to 105 °C
- Sensor: Thermistor NTC
- Dimensions: 71 x 28 x 71 mm
- Operation temperature: 0 to 50 °C
- Operation humidity: 10 to 90% RH (without condensation)

4. CONFIGURATION

Indication adjust (OFFSET)

Press the key **SET** for 30 seconds, the message **OFF** will appear on the display. Press again the key to put the corrected value. This function allows adjustment of \pm 5.0 °C regarding the value that the instrument indicates.

5. WIRING DIAGRAM



	TI-07R ϵ	TI-07RIL
7 - 8	115V~	12V \approx
7 - 9	230V~	24V \approx

Note: The sensor cable length can be increased by the user until 200 meters. For immersion in water use thermometric well

IMPORTANT

According to the chapters from the IEC60364 standard:

- 1: Install protectors against over voltage on power supply.
 - 2: Sensor cables and computer signals can be together, however not at the same place where power supply and load wires pass for
- For more information contact our application eng. department through e-mail support@fullgauge.com or dial +55 51 3475.3308.

Contact suppressor connection diagram

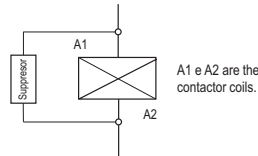


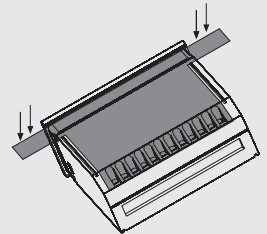
Diagram for suppressor installation for direct drive load inputs



PROTECTIVE VINYL:

This adhesive vinyl (included inside the packing) protects the instruments against water drippings, as in commercial refrigerators, for example. Do the application after finishing the electrical connections.

Remove the protective paper and apply the vinyl on the entire superior part of the device, folding the flaps as indicated by the arrows.



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