

General Description & Applications

The TI-100 series temperature indicator provides accurate temperature display for a variety of applications including heating, cooling, refrigeration, HVAC, food service, medical and industrial equipment.

Features

- 0.56" high red LED display
- Panel Mount enclosure
- Temperature Sensor included
- Uses model TS-10-3 sensor

Specifications

Power requirements: 24 VAC standard

Sensor range: TS-10-3 sensor standard -40° F to 199° F (-40° C to 93° C). Sensor is a 36" (.91m) 26 AWG wire and sensor is encased in a vinyl cap. Sensor can be extended up to 1000ft (30.5m) using 18-26 gauge, three conductor wire

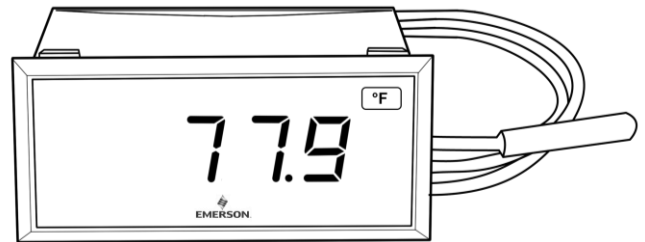
Ambient operating temperature range: 20° to 158° F, -6° to 70° C

Ambient operating humidity range: 90% non-condensing

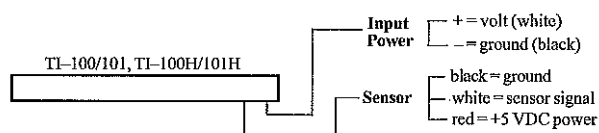
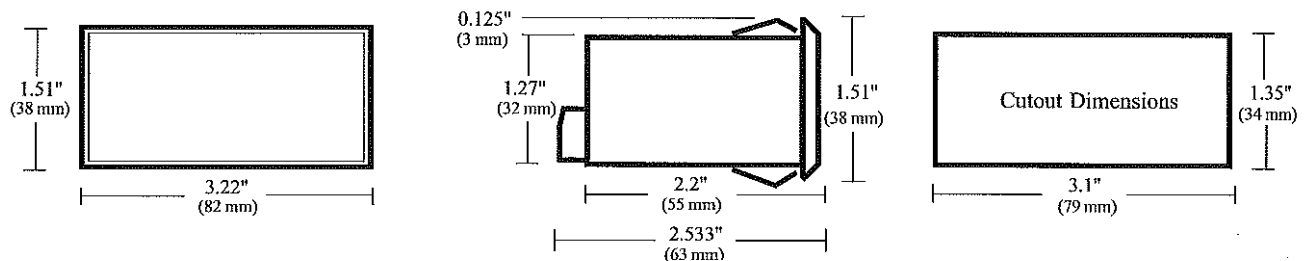
Accuracy: $\pm 1^\circ \text{F}$, $\pm 1^\circ \text{C}$

Agency approvals: NSF listed

TI-100 Series Temperature Indicator



Dimensions & Wiring



Ordering Information

The TI-100 Series Temperature Indicator is available in a 24 volt model. Custom configurations are available for different customized programming options, different voltage requirements or custom sensor options. Input voltage refers to the voltage required for the unit to operate.

The following part numbers are generally stocked and ready for shipment.

<u>Model</u>	<u>°F or °C</u>	<u>Sensor Type</u>	<u>Input Voltage</u>
TI-100-24	°F	TS-10-3	24 VAC

Custom Design & Modifications

In addition to standard models, Emerson Control Products specializes in complete custom design and manufacture of electronic controls. Modifications of our standard controls are also available. Please contact our Customer Service department to arrange for a consultation of your specific project and application.

Warranty

Emerson Control Products warrants its products to be free from defects in material and workmanship under normal use for one year and is not responsible for consequential damages or installation costs of any nature. Exposure to contaminants and extreme environmental conditions such as moisture, temperature, chemicals, etc. may cause the unit to degrade or fail. Emerson Control Products accepts no liability for product applications or customer application testing.

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