

PANEL-STYLE TEMPERATURE MONITORS

Models 751/756 & 761/766

These monitors were designed for simple installation onto control cabinets by job-shops or original equipment manufacturers. Simple construction and efficient time proven circuits are combined to produce these reliable monitors at a low price. When installed on temperature sensitive equipment, these monitors will provide performance indication and simplify diagnostics. These units are ideal for monitoring HVAC systems, baking/curing ovens, food/medical freezers, solar collectors, refrigeration equipment, etc.



MODEL 752



MODEL 756

ENGINEERED AND MANUFACTURED IN WISCONSIN, U.S.A

FEATURES:

TC calibrations available are **T, K, J or E** linearized in four sections for good accuracy (narrow range, lower cost calibrations are available on special order).

RTD cold junction compensates accurately for ambient temperature changes as fast as 2° per minute.

High impedance circuit allows use of probes with up to 1000 ft. of 24 ga. wire. Several transformer isolated monitors can connect to the same probe.

Large bright display is about ½" high red for excellent readability. Individual digits are mounted in sockets for simple replacement.

Long-life TC selector, rotary and slide types, for displaying up to six thermocouple inputs. Selector knob has clear markings for indication of locations.

Polymer coated circuit will perform indefinitely even in high humidity environments.

SPECIFICATIONS:

Display Range:

-199 to 1999 °F or °C. Usable range varies with TC type (see ordering section).

Measuring Accuracy:

± ½% of reading ±1 degree using ANSI millivolt-temperature standards.

Instrument Environmental Range:

-15° to 130°F or -26° to 54°C and 90% R.H. max. (no condensation).

Cold Junction Offset:

One degree max. for an ambient range of 32° to 110°F or 0° to 43°C.

Display Indication:

Updated three times per second on LED digits 0.56" (14mm) high.

Construction:

Aluminum front and open back for simple installation into a cutout on any suitable cabinet.

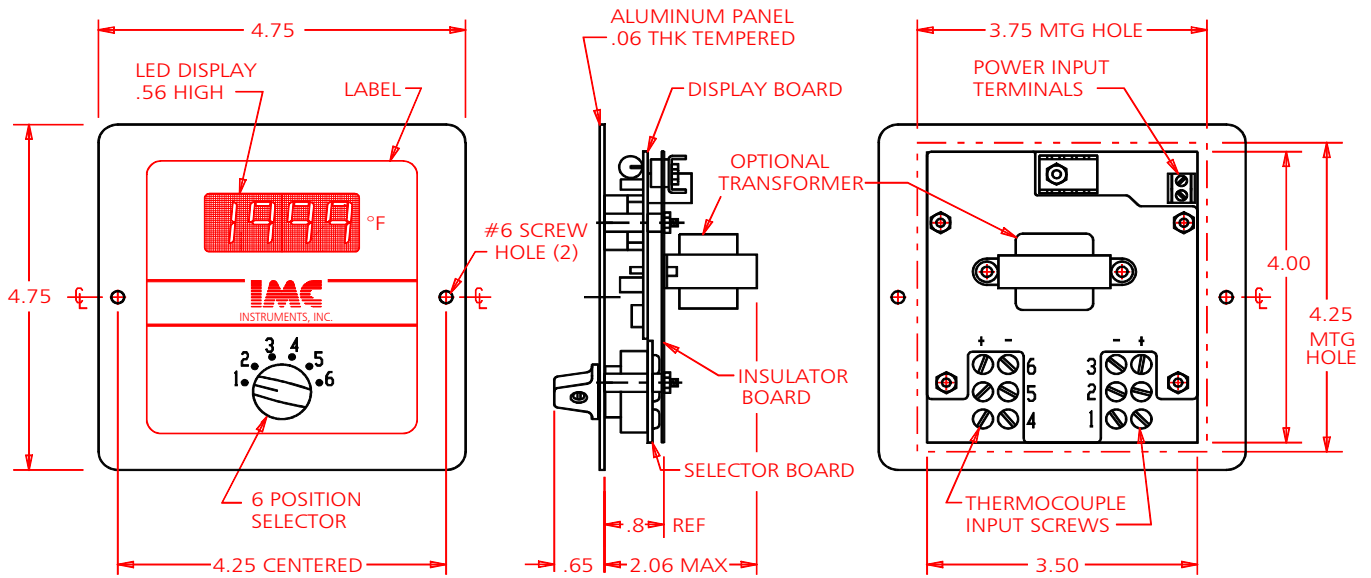
Power Requirement:

Isolated 10-12 VAC at 0.15 amp. Optional transformers are available from 24 to 230 VAC.

Weight:

Approx. 7 ounces (0.2kg) without transformer.

MECHANICAL DETAIL: Model 9420-0756 shown, other models have slight differences. UL listed transformer can be supplied for remote mounting.



ALL DIMENSIONS ARE INCHES*

ORDERING INFORMATION:

Refer to sheet titled "PERMANENT INSTALLATION TC PROBES" for the selection of wire and probes to complete any measuring system. All prices listed below are F.O.B. factory or distributor warehouse. Contact distributor listed below for assistance. Products are warranted against material or workmanship defects for a full year from date of shipment.

NUMBER OF THERMOCOUPLE INPUTS: _____

- 1 pt. - no selector
- 2 pts. - slide switch
- 4 pts. - rotary selector
- 6 pts. - rotary selector

SCALE: _____

- Fahrenheit reading
- Celsius reading

POWER INPUT: _____

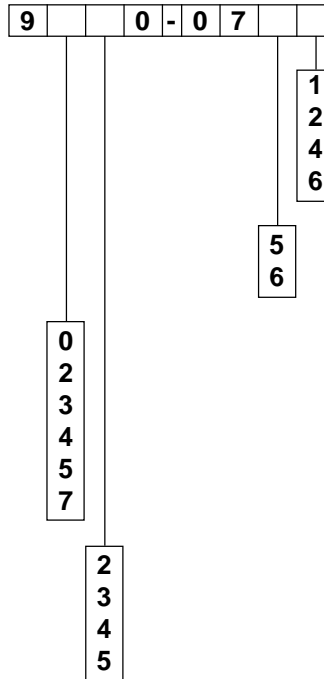
- Standard 10-12 VAC 50/60 HZ isolated input
- Truck 12 DC negative ground (use ungrounded probes)
- Back mounted transformer for
 - 24 VAC 50/60 HZ
 - 120 VAC 50/60 HZ
 - 230 VAC 50/60 HZ

Flanged transformer - remote mtg. (U.L. listed) 120 VAC

THERMOCOUPLE CALIBRATION: _____

- K type 1/2% range is -60 to 2000°F (-50 to 1100°C)
- T type 1/2% range is -60 to 400 °F (-50 to 205°C)
- J type 1/2% range is -60 to 1400°F (-50 to 750°C)
- E type 1/2% range is -60 to 1650°F (-50 to 900°C)

OPTION - MODEL



* Specifications are subject to change without notice



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