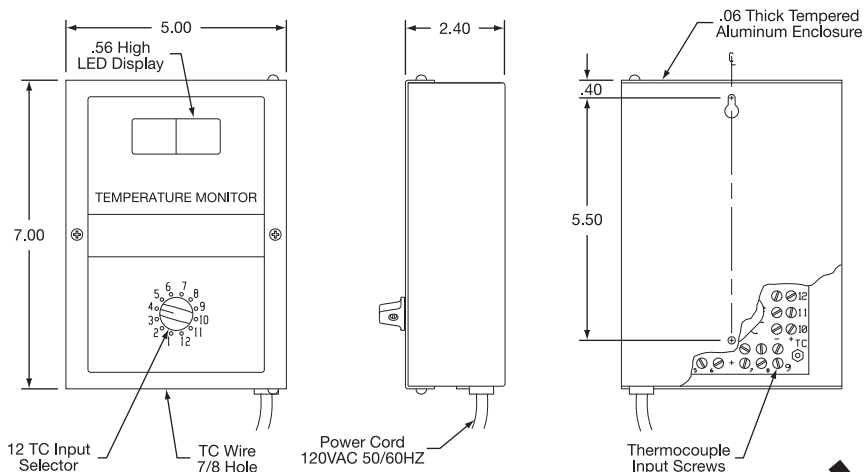


12-Station Temperature Monitor



Design Features

- * Thermocouple calibrations available are T, K, J, or E linearized over sections for good accuracy.
- * RTD Cold Junction compensates accurately for ambient temperature changes as fast as 2°/min.
- * 1/2" high Red LED Display provides excellent readability.
- * Large Pointer Selector Knob clearly indicates the monitored location of 12 locations.
- * Polymer-Coated Circuit will perform indefinitely even in high humidity environments.
- * Made in the United States and warranted against material or workmanship defects for 1 year.

12-Station Temperature Monitor

DISPLAY RANGE

Thermocouple Type	Min. °F	Max. °F	Min. °C	Max. °C
J-Fe/Constantan	-60	1400	-50	750
K-Chromel [®] /Alumel [®]	-50	1975	-50	1100

These thermocouple monitors were designed for industrial or commercial applications that require monitoring of up to 12 locations economically. The circuits have been optimized to deliver accuracy and stability over a wide environmental range. Typical applications include monitoring HVAC systems, baking/curing ovens, food or medical freezers, solar installations, refrigeration equipment, motor bearings, engines, etc.

Specifications

Display Range:	-199 to 1999 °F or °C
Measuring Accuracy:	±1/2% of reading ±1°
Ambient Oper. Temp.:	-15° to 130°F (-26° to 54°C)
Relative Humidity:	90% max., non-condensing
Cold Junction Offset:	1° max. for 32° to 110°F (0° to 43°C)
Display Updates:	3 times per second
LED Height:	0.56" (14 mm) high
Construction:	Aluminum enclosure, surface mounting with swing-out front panel
Power Requirement:	120 or 230 Vac, 50/60 Hz.
Power Cord Length:	5 ft.
Weight:	1.7 lb. (0.8 kg.)

TEMPERATURE MONITORS			
Volts AC	Scale	Thermocouple J K	
120	°F	DTM20010	DTM20015
120	°C	DTM20020	DTM20025
230	°F	DTM20030	DTM20035
230	°C	DTM20040	DTM20045



Note: 230V units have internal terminal connections for AC power input.

Typical Applications

- ♦ Monitoring HVAC Systems
- ♦ Baking/Curing Ovens
- ♦ Food or Medical Freezers
- ♦ Molding Machines
- ♦ Industrial Process Equipment
- ♦ Refrigeration Equipment
- ♦ Motor Bearings
- ♦ Engines

Ordering Information

Choose the Part Number of the **Temperature Monitor** that best fits the needs of your application. If calibrations of type E or T are required, consult Tempco for part number.

Standard lead time is stock to 3 weeks.