12-Station Temperature Monitor

Design Features

- Thermocouple calibrations available are T, K, J, or E linearized in four 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 1 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.

Specifications

Display Range:

<table>
<thead>
<tr>
<th>Thermocouple Type</th>
<th>Min.</th>
<th>Max.</th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>J-Fe/Constantan</td>
<td>–60</td>
<td>1400</td>
<td>–50</td>
<td>750</td>
</tr>
<tr>
<td>K-Chromel™/Alumel™</td>
<td>–60</td>
<td>1999</td>
<td>–50</td>
<td>1100</td>
</tr>
</tbody>
</table>

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.)

Typical Applications

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