WEATHER RESISTANT SURFACE TEMPERATURE SENSOR

Strap On Design, Twist Off Cover, 2 to 6” Pipe Sizes

The Series TE-SNW Weather Resistant Surface Temperature Sensor non-intrusively measures the process temperature in hot and cold water loops in buildings. In order to work with most common building controllers, the output of the sensor can be chosen from 6 different RTD and Thermistor curves.

FEATURES/BENEFITS
- Easy to mount external tab housing
- 1/4 turn housing cover with chain
- Multiple conduit knockouts for easy installation positioning
- Non-intrusive temperature measurement of 2 to 6” pipes

APPLICATIONS
- Heating or cooling loop line temperature monitoring
- HVAC systems

SPECIFICATIONS
- Accuracy: Thermistor temperature sensor: ±0.22°C @ 25°C (±0.4°F @ 77°F);
  RTD temperature sensor: DIN Class A ±0.15°C @ 0°C (±0.28°F @ 32°F).
- Temperature Limits: Operating: -32 to 240°F (-35.5 to 115.5°C).
- Sensor Curves: See page reference below.
- Housing Material: Meets UL 94 V-0 polycarbonate plastic, NEMA 3R.
- Weight: 7 oz (198 g).

MODEL CHART

<table>
<thead>
<tr>
<th>Model</th>
<th>Sensor Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>TE-SNW-A</td>
<td>10k Ω type III thermistor</td>
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<tr>
<td>TE-SNW-B</td>
<td>10k Ω type II thermistor</td>
</tr>
<tr>
<td>TE-SNW-C</td>
<td>3k Ω thermistor</td>
</tr>
<tr>
<td>TE-SNW-D</td>
<td>Pt100 Ω RTD</td>
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<tr>
<td>TE-SNW-E</td>
<td>Pt1000 Ω RTD</td>
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<tr>
<td>TE-SNW-F</td>
<td>20k Ω thermistor</td>
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</tbody>
</table>

SERIES S2-1

SURFACE MOUNT TEMPERATURE SENSOR
RTD and Thermistor, 304 SS Probe

The Series S2-1 Surface Mount Temperature Sensor provides a cost effective and reliable solution for surface contact temperature measurement of conditioned water pipes, low pressure steam or refrigerant lines.

FEATURES/BENEFITS
- Low profile sensor can be taped or strapped to the outside of a pipe
- Ideal for applications where immersion wells are not feasible

APPLICATIONS
- Heating or cooling loop line temperature monitoring
- HVAC systems

SPECIFICATIONS
- Accuracy: Platinum RTD: ±0.1% @ 32°F (0°C), alpha 385 per DIN 43760;
  Thermistor: ±0.5°C interchangeable @ 77°F (25°C).
- Operating Temperature: -40 to 250°F (-40 to 120°C).
- Probe Diameter: 1/4” (6.3 mm).
- Probe Length: 1” (25 mm).
- Probe Material: 304 SS.

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<table>
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<tr>
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<tr>
<td>S2-1B</td>
<td>10k Type II thermistor</td>
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<td>S2-1C</td>
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<td>Pt100 RTD</td>
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<td>S2-1E</td>
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<tr>
<td>S2-1F</td>
<td>20k thermistor</td>
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</tbody>
</table>

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