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 Sensor Type</th>
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<tbody>
<tr>
<td>TE-SNW-A 10k Ω type III thermistor</td>
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<tr>
<td>TE-SNW-B 10k Ω type II thermistor</td>
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<td>TE-SNW-C 3k Ω thermistor</td>
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<td>TE-SNW-D Pt100 Ω RTD</td>
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<td>TE-SNW-E Pt1000 Ω RTD</td>
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<tr>
<td>TE-SNW-F 20k Ω thermistor</td>
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SERIES I2-1
IMMERSION TEMPERATURE PROBES
RTD & Thermistor Outputs, 304 SS Probes

The Series I2-1 Immersion Temperature Probes are designed to monitor the hot and chilled water lines throughout a building’s water distribution loop.

Note: A Series IW2 Thermowell must be used on pressurized air and water lines to prevent leakage around the probe.

FEATURES/BENEFITS
• Direct wall mounting
• 6´ cable
• 1/2˝ internal NPT accepts conduit for more industrial installation

APPLICATIONS
• Hot or chilled water line monitoring
• HVAC and building automation systems

SPECIFICATIONS
Accuracy: Platinum RTD: ±0.6% @ 32°F (0°C); Nickel RTD: ±0.5°F @ 32°F (0°C); Balco RTD: ±0.1% @ 32°F (0°C); Thermistors: ±0.36°F from 32 to 158°F (0 to 70°C). Operating Temperature: -32 to 240°F (-35.5 to 115.5°C). Probe Diameter: 1/4˝ (6.3 mm). Cable Length: 6´ (1.8 m). Probe Material: 304 SS. Mounting: 1/2˝ threaded connection to fit Series IW2 thermowell.