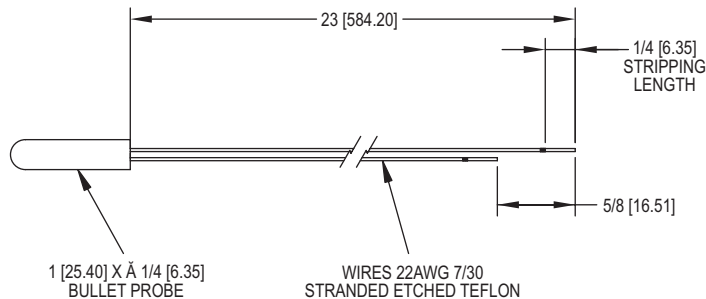


SERIES S2-1

SURFACE MOUNT TEMPERATURE SENSOR

RTD and Thermistor, 304 SS Probe



S2-1X no housing

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: $\pm 0.1\%$ @ 32°F (0°C), alpha 385 per DIN 43760;

Thermistor: $\pm 0.5^\circ\text{C}$ 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.

MODEL CHART

Model	Sensor Type
S2-1A	10k Type III thermistor
S2-1B	10k Type II thermistor
S2-1C	3k thermistor
S2-1D	Pt100 RTD
S2-1E	Pt1000 RTD
S2-1F	20k thermistor

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