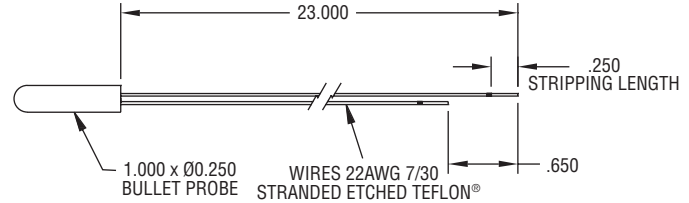


SURFACE MOUNT TEMPERATURE SENSORS

RTD and Thermistor, 304 SS Probe, Waterproof



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product video



S2-1X No Housing

The **SERIES S2-1** Surface Mount Temperature Sensors provide 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

MODEL CHART

Model	Sensor Type	Model	Sensor Type
S2-11	Pt100 Ω RTD	S2-17	5k Ω NTC thermistor
S2-12	Pt1000 Ω RTD	S2-18	100k Ω NTC thermistor
S2-13	Ni1000 Ω RTD	S2-19	20k Ω NTC thermistor
S2-14	1000 Ω Balco® RTD	S2-1A	2252 Ω NTC thermistor
S2-15	10k Ω type II thermistor	S2-1B	10k Ω type III NTC thermistor
S2-16	3k Ω NTC thermistor		

SPECIFICATIONS

Accuracy: Platinum RTD: $\pm 0.1\%$ @ 32°F (0°C), alpha 385 per DIN 43760; Nickel RTD: $\pm 0.5^\circ\text{F}$ @ 70°F (21.1°C); Balco®: $\pm 0.5^\circ\text{F}$ @ 70°F (21.1°C); Thermistor: $\pm 0.2^\circ\text{C}$ interchangeable @ 77°F (25°C).

Operating Temperature: -40 to 250°F (-40 to 125°C).

Probe Diameter: 1/4" (6.3 mm).

Probe Length: 1" (25 mm).

Probe Material: 304 SS.

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