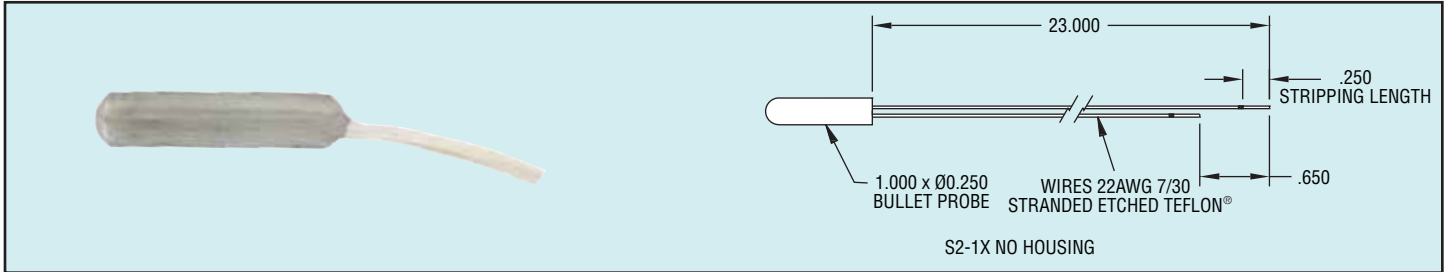




Series
S2-1

Surface Mount Temperature Sensor

RTD and Thermistor, 304 SS Probe, Waterproof



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. The sensors are ideal for applications where immersion wells are not practical to install. Models are constructed with a 1" (25 mm) 304 SS probe and a 23" stranded etched Teflon® leads.

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.

Model	Sensor Type
S2-11	Pt 100Ω RTD
S2-12	Pt 1000Ω RTD
S2-13	Ni 1000Ω RTD
S2-14	1000Ω Balco® RTD
S2-15	10 kΩ Type II Thermistor
S2-16	3 kΩ NTC Thermistor
S2-17	5 kΩ NTC Thermistor
S2-18	100 kΩ NTC Thermistor
S2-19	20 kΩ NTC Thermistor
S2-1A	2252Ω NTC Thermistor
S2-1B	10KΩ Type III NTC Thermistor

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