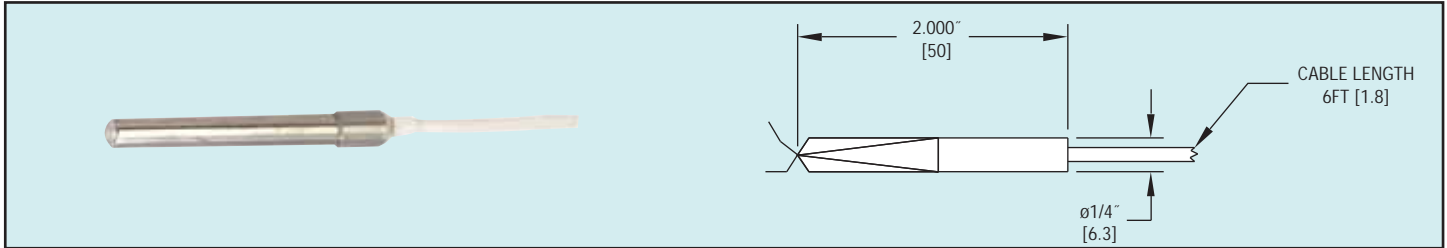




Series
S

Surface Mount Temperature Sensor

RTD and Thermistor, 304 SS Probe, Waterproof



The Series S 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 2" (50 mm) 304 SS probe and a 6 ft (1.8 m) plenum rated cable. Nylon ties are included to secure the sensor to the pipe.

Model	Sensor Type
S-11	Pt 100Ω RTD
S-12	Pt 1000Ω RTD
S-13	Ni 1000Ω RTD
S-14	1000Ω Balco RTD
S-15	10 kΩ NTC Thermistor
S-16	3 kΩ NTC Thermistor
S-17	5 kΩ NTC Thermistor
S-18	100 kΩ NTC Thermistor
S-19	20 kΩ NTC Thermistor
S-1A	2252Ω 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: 2" (50 mm).

Probe Material: 304 SS.