



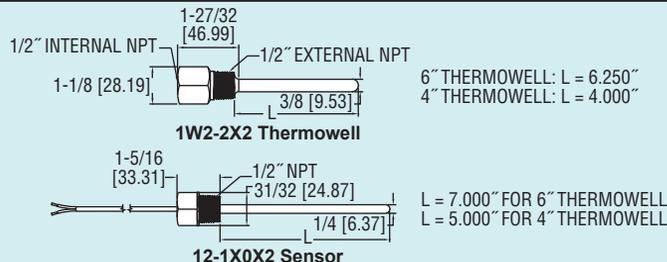
Series  
I2-1

# Immersion Temperature Probes

## RTD & Thermistor Outputs, 304 SS Probes



Scan here to watch product video



The Series I2-1 Immersion Temperature Probes are designed to monitor the hot and chilled water lines throughout a building's water distribution loop. The multiple temperature sensor outputs allow these sensors to connect to virtually any digital building controller. The Series IW2 SS thermowells allow the temperature sensors to be replaced without draining the water line. The temperature sensors are available in 4" and 6" insertion lengths.

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

### SPECIFICATIONS

**Accuracy:** Platinum RTD:  $\pm 0.6\%$  @ 32°F (0°C); Nickel RTD:  $\pm 0.5^\circ\text{F}$  @ 32°F (0°C); Balco RTD:  $\pm 0.1\%$  @ 32°F (0°C); Thermistors:  $\pm 0.36^\circ\text{F}$  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.

Model	Sensor Type	Insertion Length	Model	Sensor Type	Insertion Length
I2-11062	Pt 100 Ω RTD	6"	I2-11042	Pt 100 Ω RTD	4"
I2-12062	PT 1000 Ω RTD	6"	I2-12042	PT 1000 Ω RTD	4"
I2-13062	Ni 1000 Ω RTD	6"	I2-13042	Ni 1000 Ω RTD	4"
I2-14062	Balco 1000 Ω RTD	6"	I2-14042	Balco 1000 Ω RTD	4"
I2-15062	10K Ω Type 2 Thermistor	6"	I2-15042	10K Ω Type 2 Thermistor	4"
I2-16062	3K Ω Thermistor	6"	I2-16042	3K Ω Thermistor	4"
I2-17062	5K Ω Thermistor	6"	I2-17042	5K Ω Thermistor	4"
I2-18062	100K Ω Thermistor	6"	I2-18042	100K Ω Thermistor	4"
I2-19062	20K Ω Thermistor	6"	I2-19042	20K Ω Thermistor	4"
I2-1A062	2252 Ω Thermistor	6"	I2-1A042	2252 Ω Thermistor	4"
I2-1B062	10K Ω Type 3 Thermistor	6"	I2-1B042	10K Ω Type 3 Thermistor	4"

### Thermowells

Model	Material	Insertion Length
IW2-262	304 SS	6"
IW2-242	304 SS	4"