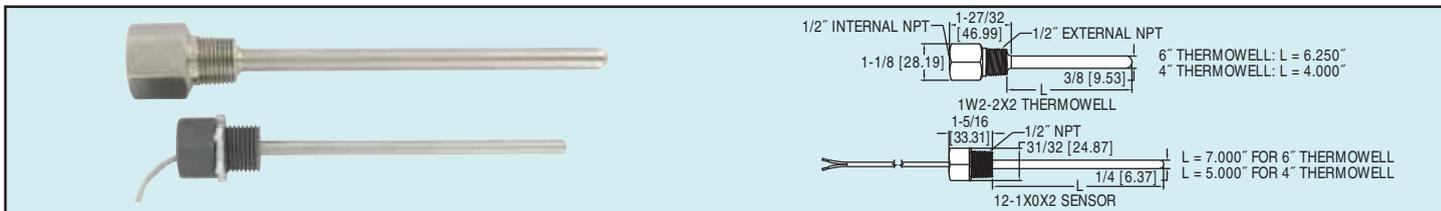




Series  
I2-1

# Immersion Temperature Probes

RTD & Thermistor Outputs, 304 SS Probes



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 stainless steel 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 ft (1.8 m).

**Probe Material:** 304 SS.

**Mounting:** 1/2" threaded connection to fit IW2 Series Thermowell.

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

## Thermowells

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

## ACCESSORY

IW-C, Thermowell Compound

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