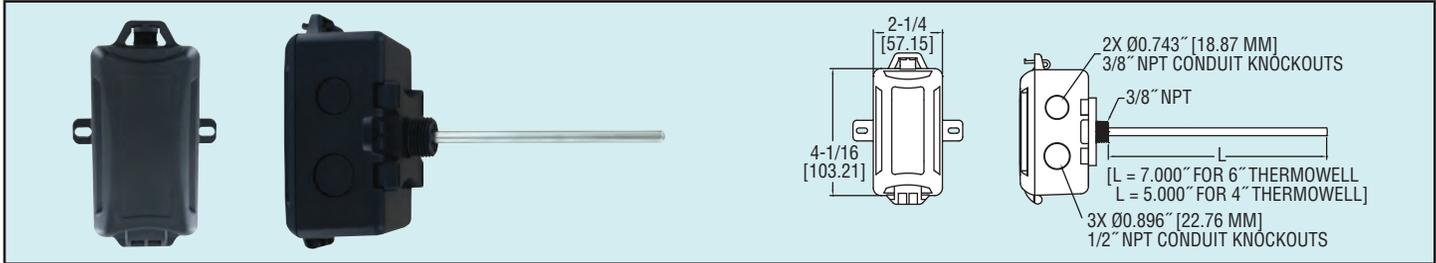




Series
I2-2

General Purpose Immersion Temperature Sensor

Locking Screw Cover, Multiple Conduit Holes



The Series I2-2 General Purpose Immersion Temperature Sensor is ideal for monitoring hot and chilled water lines throughout a building or mechanical room. The plastic housing is in the shape of a standard junction box with multiple knockouts for easy conduit access. The locking cover prevents unauthorized occupants from tampering with the temperature sensor. The Sensor I2-2 can be ordered with a choice of 11 output options that allow it to communicate to any standard building control system.

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: 8".

Probe Material: 304 SS.

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

Model	Sensor Type	Insertion Length	Model	Sensor Type	Insertion Length
I2-21062	Pt 100 Ω RTD	6"	I2-21042	Pt 100 Ω RTD	4"
I2-22062	PT 1000 Ω RTD	6"	I2-22042	PT 1000 Ω RTD	4"
I2-23062	Ni 1000 Ω RTD	6"	I2-23042	Ni 1000 Ω RTD	4"
I2-24062	Balco 1000 Ω RTD	6"	I2-24042	Balco 1000 Ω RTD	4"
I2-25062	10K Ω Type 2 Thermistor	6"	I2-25042	10K Ω Type 2 Thermistor	4"
I2-26062	3K Ω Thermistor	6"	I2-26042	3K Ω Thermistor	4"
I2-27062	5K Ω Thermistor	6"	I2-27042	5K Ω Thermistor	4"
I2-28062	100K Ω Thermistor	6"	I2-28042	100K Ω Thermistor	4"
I2-29062	20K Ω Thermistor	6"	I2-29042	20K Ω Thermistor	4"
I2-2A062	2252 Ω Thermistor	6"	I2-2A042	2252 Ω Thermistor	4"
I2-2B062	10K Ω Type 3 Thermistor	6"	I2-2B042	10K Ω Type 3 Thermistor	4"

Thermowells

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

ACCESSORY

IW-C, Thermowell Compound