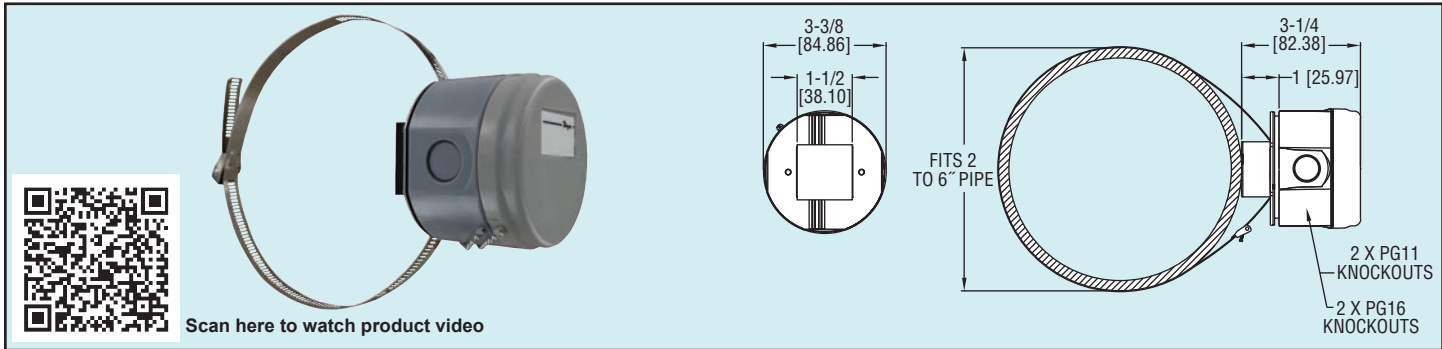




Series  
TE-SNW

# Weather Resistant Surface Temperature Sensor

Strap On Design, Twist Off Cover, 2 to 6" Pipe Sizes



The Series TE-SNW Surface Temperature Sensor non-intrusively measures the process temperature in hot and cold water loops in buildings. An adjustable metal strap can tightly fit around 2 through 6" pipe sizes, allowing the surface area of the copper plate on the sensor to make good contact with the pipe surface. In order to work with most common building controllers, the output of the sensor can be chosen from 6 different RTD and Thermistor curves. Additional features include a quarter turn twist off cap that is chained to the housing to prevent it from getting lost, and multiple knockout locations and sizes to reduce installation time.

Model	Sensor Type
TE-SNW-A	10KΩ Type III Thermistor
TE-SNW-B	10KΩ Type II Thermistor
TE-SNW-C	3KΩ Thermistor
TE-SNW-D	Pt100Ω RTD
TE-SNW-E	Pt1000Ω RTD
TE-SNW-F	20KΩ Thermistor

## SPECIFICATIONS

### Accuracy:

Thermistor Temperature Sensor:  $\pm 0.22^{\circ}\text{C}$  @  $25^{\circ}\text{C}$  ( $\pm 0.4^{\circ}\text{F}$  @  $77^{\circ}\text{F}$ );

RTD Temperature Sensor: DIN Class A  $\pm 0.15^{\circ}\text{C}$  @  $0^{\circ}\text{C}$  ( $\pm 0.28^{\circ}\text{F}$  @  $32^{\circ}\text{F}$ ).

**Temperature Limits:** Operating:  $-32$  to  $240^{\circ}\text{F}$  ( $-35.5$  to  $115.5^{\circ}\text{C}$ ).

**Sensor Curves:** See page reference 1 below.

**Housing Material:** Meets UL 94 V-0 polycarbonate plastic, NEMA 3R.

**Weight:** 7 oz (198 g).