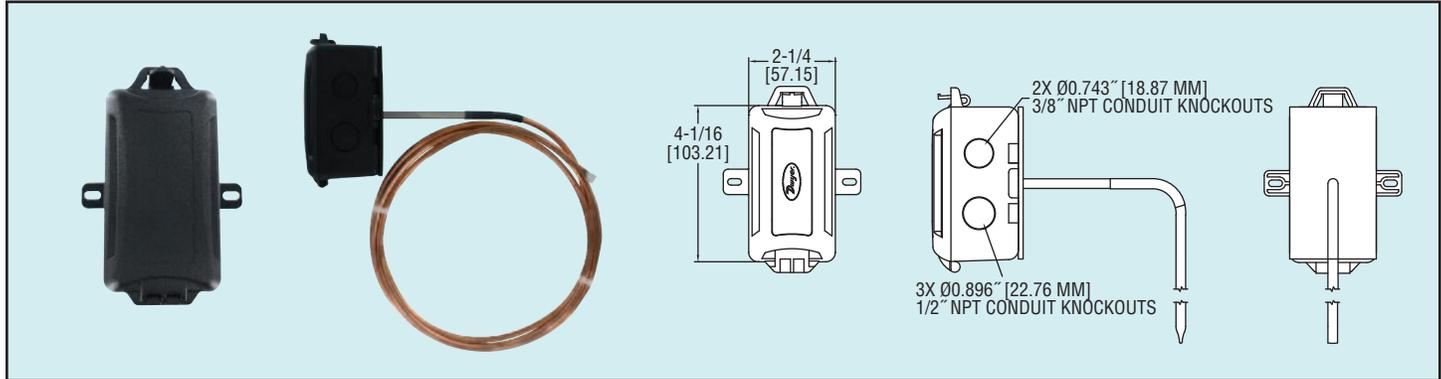




Series  
AVG

# Averaging Temperature Sensor

Available in 12' or 24' Lengths



The Series AVG Averaging Temperature Sensor can be used to measure the average temperature up stream of the cooling coils in an air handler. The coiled sensor unwinds to a length of 12' or 24' to take an average temperature reading across a large space. The housing has multiple knockouts to reduce the time to install conduit. The Series CC1 mounting brackets can be used to secure the capillary to the wall of the air handler without kinking. The Series AVG can be ordered with a choice of 11 output options that allow it to communicate to any standard building control system.

## 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).

**Capillary Length:** 12' or 24' depending on model.

**Cable Length:** 8".

**Probe Material:** Bendable copper capillary.

**Mounting:** Flanged mounting ears.

Model	Sensor Type	Capillary Length	Model	Sensor Type	Capillary Length
AVG-21121	Pt 100 Ω RTD	12'	AVG-21241	Pt 100 Ω RTD	24'
AVG-22121	PT 1000 Ω RTD	12'	AVG-22241	PT 1000 Ω RTD	24'
AVG-23121	Ni 1000 Ω RTD	12'	AVG-23241	Ni 1000 Ω RTD	24'
AVG-24121	Balco 1000 Ω RTD	12'	AVG-24241	Balco 1000 Ω RTD	24'
AVG-25121	10K Ω Type II Thermistor	12'	AVG-25241	10K Ω Type II Thermistor	24'
AVG-26121	3K Ω Thermistor	12'	AVG-26241	3K Ω Thermistor	24'
AVG-27121	5K Ω Thermistor	12'	AVG-27241	5K Ω Thermistor	24'
AVG-28121	100K Ω Thermistor	12'	AVG-28241	100K Ω Thermistor	24'
AVG-29121	20K Ω Thermistor	12'	AVG-29241	20K Ω Thermistor	24'
AVG-2A121	2252 Ω Thermistor	12'	AVG-2A241	2252 Ω Thermistor	24'
AVG-2B121	10K Ω Type III Thermistor	12'	AVG-2B241	10K Ω Type III Thermistor	24'