

# Outdoor Air Temperature Sensor

## Features:

- General purpose outdoor air temperature sensor
- Available in threaded PVC version with rugged weatherproof electrical box
- Easy installation - just threads into mounting hole or standard handy box installation
- Fully potted metal housing protects sensing element and provides fast, accurate temperature sensing
- Cost efficient design
- Sturdy construction - all metal housing with PVC solar shield with optional weatherproof electrical box

## Description:

The SS&C Outdoor Air Temperature Sensor is designed for use in residential and commercial building automation controls. It features a fast response, precision thermistor sensing element that is totally sealed against the outdoor elements. The PVC sun-shield prevents false readings from direct sunlight. An optional weatherproof electrical box allows for simple installation and provides an extra rugged and reliable sensor for energy management and HVAC applications.

## Options:

- Sensor values, curves and accuracies
- Alternate configurations for sun shield
- Weatherproof electrical box

### Ordering Information

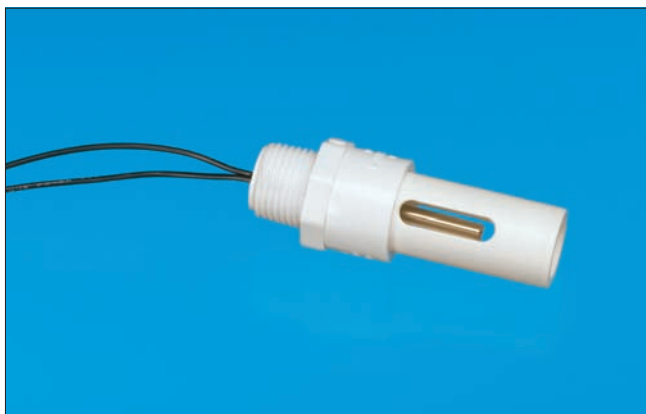
#### Standard Outdoor Air Temperature Sensor

SS&C Part Number	R25 ( $\Omega$ )	Material Curve
A3003PA22P0	3,000	Z
A5003PA22P0	5,000	Z
A1004PA22P0	10,000	Z

#### Outdoor Air Sensor with Weatherproof Box

SS&C Part Number	R25 ( $\Omega$ )	Material Curve
A3003WA22P0	3,000	Z
A5003WA22P0	5,000	Z
A1004WA22P0	10,000	Z

Standard temp accuracy is  $\pm 0.2^\circ\text{C}$  from  $0^\circ\text{C}$  to  $70^\circ\text{C}$   
Resistance versus temperature information for material curve Z can be found on page 59.



Standard Outdoor Air Temperature Sensor



Outdoor Air Sensor with Weatherproof Box

