

AIR TEMPERATURE SENSOR 5600-0025



HIGHLY ACCURATE

HIGH SENSITIVITY

LOW POWER

APPLICATIONS

- Pest management
- Plant disease prediction
- Irrigation management
- Frost prevention management

FEATURES

- Encased in a stainless steel sheath for protection from handling and the elements
- Rigid structure that allows it to be mounted in a multi-plate radiation shield
- Assembly is water tight.
- High resistance value minimizing errors due to wire resistance of long cable runs
- Bridge resistor and equation to convert from voltage to temperature
- High sensitivity
- Rugged
- High accuracy

HELPFUL HINTS

Connect supplied resistor from Voltage reference (5V or less) to analog input channel. Connect probe from analog input channel to ground. For a linear output change with temperature, refer to Sutron part number 5600-0020. For accurate air temperature measurements be sure to shield the sensor from direct sunlight (solar radiation). Sutron part number 5600-0021-1 is a radiation shield that utilizes natural ventilation.



SPECIFICATIONS

Specifications subject to change without notice

Accuracy	0.5 °C -30 to +60 °C 0.9 °F -20 to +140 °F
Input Voltage	5 VDC
Input Current	< 200 µA
Output	Resistance
Dimensions	1/2 in. x 1 in. x 2 in.
Cable Length	15 ft.

ORDERING

5600-0025-1 Temperature Sensor, Air Thermistor, non-linear output, with 15ft cable

ACCESSORIES

5600-0021-1 Radiation Shield, AT/RH, for sensors 0 to .5 in. dia.