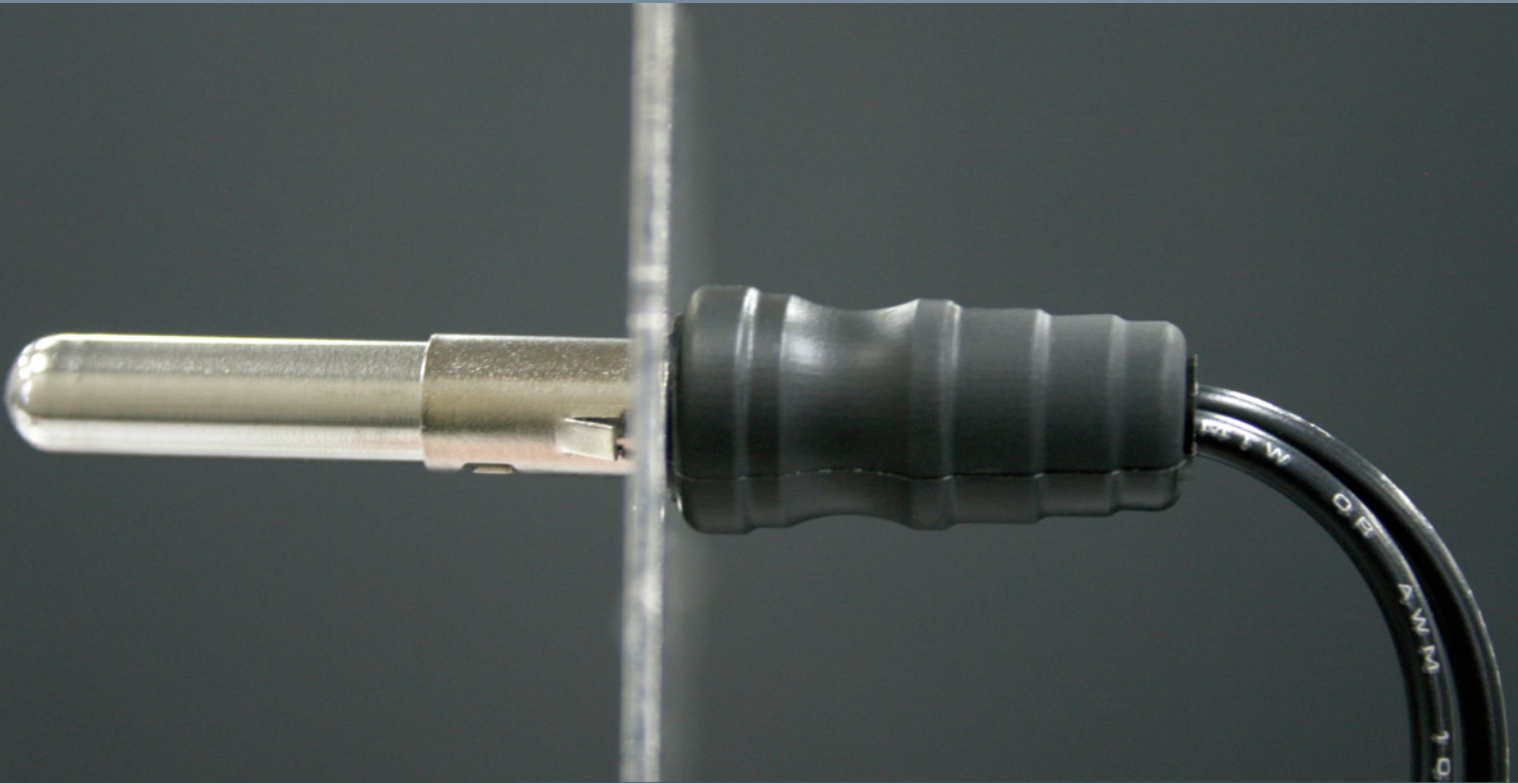




Sensing Solutions



## SNAP-IN AIR SENSOR

The unique clip on QTI Sensing Solutions' snap-in air temperature sensor provides increased sensor accuracy and easy installation. The combination of the sensing element's position in the probe tip and the clip holding the sensor securely in the air stream ensures that the air temperature, not the plenum temperature, is accurately measured. The overmold on the back of the sensor eases installation, provides a strain relief for the leads, and minimizes any environmental temperature effects on the sensor.

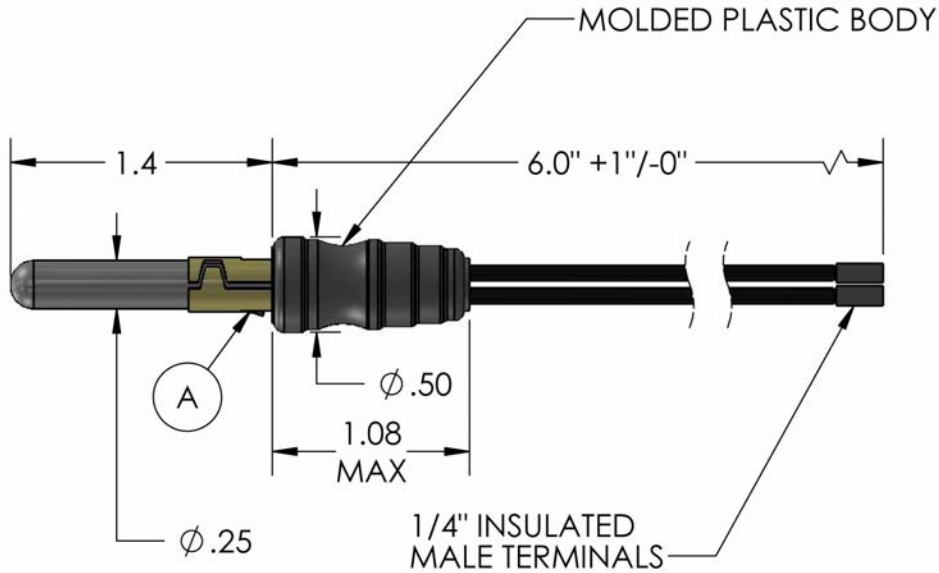
QTI can customize the snap-in air sensor in a variety of ways. Sensor resistance values and accuracy, as well as cable length and connector type are all able to be specified.

### SNAP-IN SENSOR FEATURES

- Incorporated snap-in clip reduces installation time and expense, and increases sensor accuracy
- Fast thermal response
- Available in many common thermistor curves and resistances
- Ideal for HVAC/R applications such as plenums, blower housings, or heat pumps
- RoHS compliant



# SNAP-IN SENSOR SPECIFICATIONS



## Temperature range

0°C to 80°C (32°F to 176°F)

## Standard cable length

6"

## Resistance values at 25°C

2k, 5k, 10k, 50k, 100k, and more

## Accuracy

Point matched (+/- 1%, 2%, 5%, or 10%) or interchangeable (+/- 0.2°C from 0°C to 70°C, 32°F to 158°F)

## Installation specifications

Recommended pre-drilled hole size: 0.30"

Recommended sheet metal: 14 to 18 gauge



QTI is a privately-held manufacturer of temperature sensors and assemblies. Founded in 1977, we have grown to be the trusted temperature sensor supplier for many world leaders in equipment manufacturing. QTI Engineering would be happy to discuss your temperature application with you and work to develop a custom solution to your temperature sensing needs.

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