



## REMOTE TEMPERATURE SENSORS FOR CONTROL & CHANGEOVER APPLICATIONS

- S60    •• S80
- S70    •• S90

### DESCRIPTION

The model S60, S70, S80, S90 sensors are part of Viconics' Micro-Stat & Unistat Series low voltage RHVAC room temperature and humidity controls line.

### APPLICATIONS

The sensors are designed for wall, duct, immersion or changeover applications.

- Remote room temperature control.
- Remote control of duct return air temperature.
- Remote control of duct supply air temperature.
- Limitation of supply temperature.
- Auto changeover of VAV damper operation with supply air temperature.
- Hot water temperature control.
- Auto changeover of valve operation with supply water temperature.

### WIRING

Wire lengths may exceed 100 feet without causing temperature errors, due to the high 47,000 ohm resistance.

Avoid running long sensor leads closed to, or in the same conduit as, high voltage and power wiring.

Four sensors may be wired in series / parallel combination in order to obtain average temperature readings.

### SPECIFICATIONS

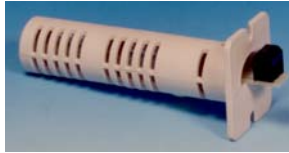
Operating Conditions: -18 °C to 82 °C ( 0 °F to 180 °F )  
- 0% to 95% R.H. non-condensing

Sensor: Local 47 K NTC thermistor

Interchangeability: ± 1 °C @ 25 °C ( ± 1.8 °F @ 77 °F )

Accuracy: ± 2 °C ( for -18 to 82 °C )  
± 3.6 °F ( for 0 to 180 °F )

### S60 DUCT SENSOR



Duct sensor adapter for thermostat. This sensor can be mounted directly onto the back of thermostats. This transforms the thermostats into duct mounted thermostats.

### S70 DUCT SENSOR WITH JUNCTION BOX



This sensor can be mounted directly onto the supply or return of the ventilation duct depending on the application. The thermostat can then be mounted on the wall or a remote panel.

### S80 ROOM SENSOR



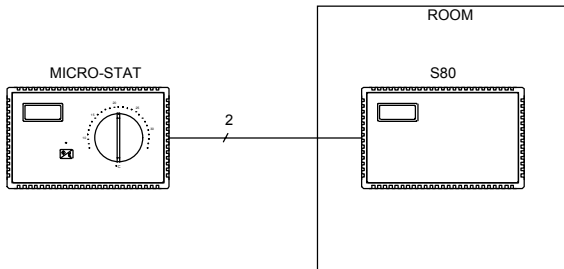
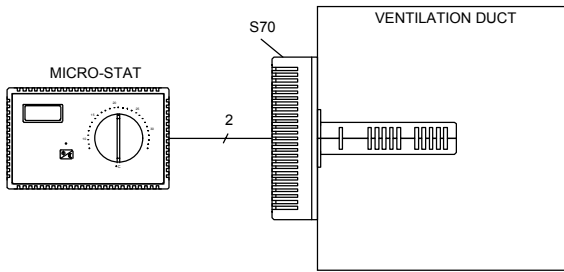
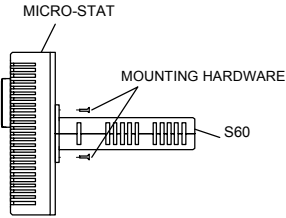
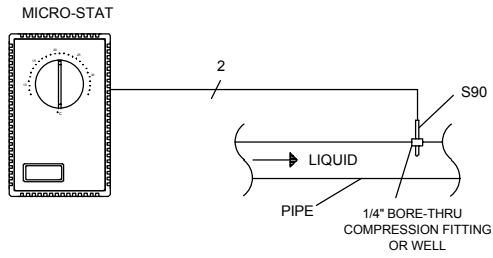
This sensor can be mounted in any remote location. The thermostat can then be mounted on the wall or a remote panel.

### S90 IMMERSION SENSOR



This sensor is for the control of hot or cold water, or other fluids. It can be mounted in a standard ¼" well or strap mounted to a pipe. It is constructed of 316 stainless steel.

**APPLICATIONS**



**DIMENSIONS**

