



Duct Temperature Sensor

Designed for single point monitoring. It has an adjustable probe length between 5" and 9" to fit many different applications.

Specifications

Standard Lengths	Adjustable between 5" and 9"
Operating Temperature Range	-20 to 105°C (-4 to 221°F)
Wiring Connections	Pig Tail 2 wire 3kΩ - Red 10kΩ - Black 100kΩ - White
Sensor Types	3kΩ - (-30 to 150°C) (-22 to 122°F) 10kΩ - (-5 to 66°C) (23 to 150°F) 100kΩ - (45 to 135°C) (113 to 275°F)
Enclosure	Sensor - Stainless Steel Tube Mounting Bracket - Cast Aluminum
Cable Type	UL1332 #22 TS

Installation

The sensor probe is installed through a 1/4" hole in the side of the duct. Since the probe length is adjustable, slide the probe to the desired length before inserting into the duct. Install the probe in a straight section of duct away from heating, cooling or humidifier elements.

The DSA can be mounted to the duct with sheet metal screws after the proper probe length has been set.

Since the DSA utilizes a thermistor type 3 sensor, there is no wiring polarity of the 2 wire device. One wire will should be terminated to controllers sensor input and the other wire should be terminated to the controllers input common.

