

Temperature Sensor

Designed for use with the HT2-500 HotSpotr 2.0

Features

- Thermistor probe
- Enables temperature control of the HotSpotr 2.0 fan tray
- Plenum rated FEP cable

Degree Controls, Inc.

is an ISO-9001 certified, world-class designer and manufacturer of airflow sensing, monitoring, and control solutions. With over 25 years of proven experience, we pride ourselves on delivering solutions which provide the value, differentiation, and service required by our customers, to meet the rapidly changing competitive landscape that they face.

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Overview

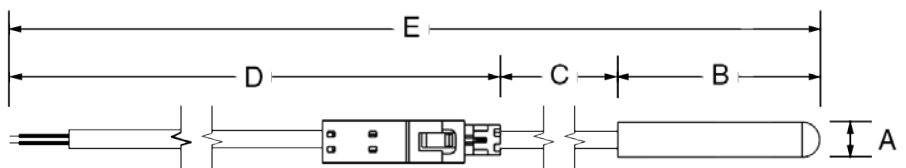
The temperature sensor is a thermistor probe-style sensor designed for use with the HotSpotr 2.0 underfloor air mover. It enables temperature-controlled operation of the HotSpotr fan tray.

The sensor assembly consists of a 5.8mm Ø x 34mm long (0.23in Ø x 1.35in long) probe connected to 5m (16ft) of wiring and an inline connector allows for quick disconnect/reconnect of the sensor head as needed. For easy installation, an adhesive-back mounting pad is attached to the sensor probe, and cable ties are included for cable routing.

The sensor head is small in order to minimize disturbance of airflow. Handle it with care during installation.

Specifications

Temperature Sensor	
Sensor	Thermistor probe
Measurement Range	-55 to 80°C (-67 to 176°F)
Sensor Head Dimensions	5.8mm Ø x 34mm long (0.23in x 1.35in)
Sensor Housing Construction	Vinyl
Mounting	Adhesive-back mounting pad attached to the sensor probe
Cable Type	5m (16') 24 AWG 2 conductor FEP jacketed cable, plenum rated, OD 2.6mm (0.103in) Max
Termination	Stripped and tinned leads
Connection Guide	Temperature sensor is non-polarized and can be connected to the HotSpotr's temperature sensor input without regard to polarity



A	B	C	D	E
5.8mm (0.23in)	34mm ± 3.8mm (1.35in ± 0.15in)	0.6m ± 25mm (2ft ± 1in)	4.3m ± 152mm (14ft ± 6.0in)	5m ± 178mm (16ft ± 7in)

Part Number **10161AS012**