



Duct Mounted Room Temperature Sensor ADS

For AVR Series AccuValve



Laboratories, Life Sciences, Healthcare

- Duct Mounted Room Temperature Sensor
- 304SS Probe with 10K ohm Type III Thermistor
- Used with Accutrol AVR Series AccuValve
- Used for Sensing Room Temperature in Exhaust or Return Duct

The Accutrol ADS is a duct-insertion type airflow temperature transmitter that is designed to measure the temperature of the air flowing through the return/exhaust duct serving the room that is being controlled by the AVR AccuValve. The ADS connects directly to the AVR AccuValve's device port using a factory cable providing a simple connection for power and signal.

Specifications

SENSOR

Type 10K ohm Type III thermistor embedded in a 304SS probe

ELECTRICAL

Port RJ-45
Provides power and signal connections with the AVR AccuValve using factory-supplied cable only.

MOUNTING

Duct-mount flanged housing (mounting screws provided)

MATERIALS

Housing Polycarbonate Plastic, UL 94 V-0
Probe 304 Stainless Steel

PERFORMANCE

Range 32° to 132° F (0° to 56° C)
Resolution 0.02° F (0.01° C)
Accuracy ±0.25° F (±0.14° C)

ENVIRONMENTAL

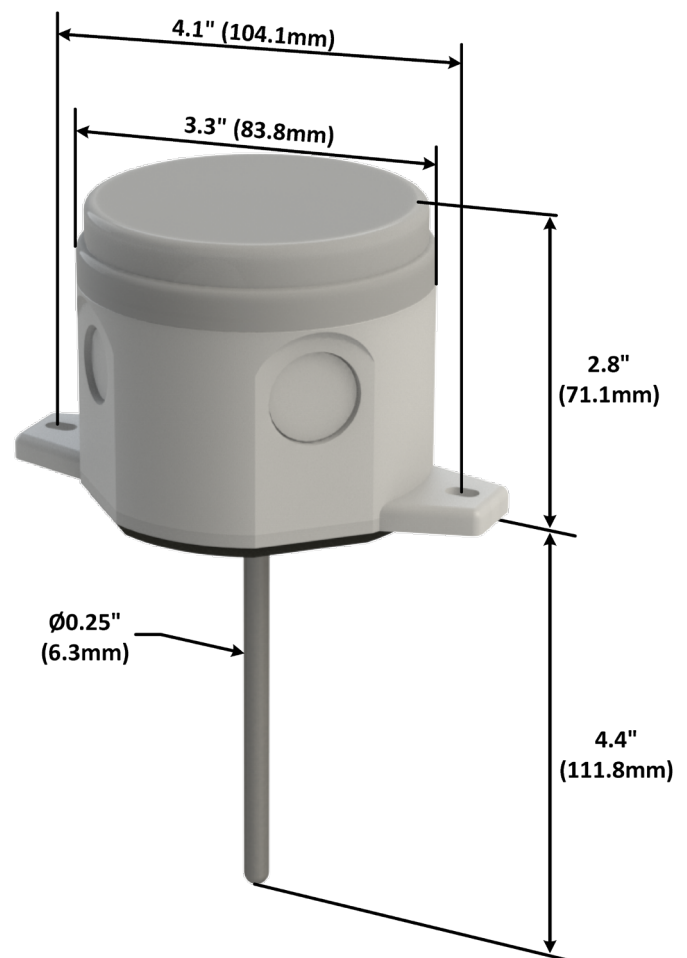
Operating Temperature 32° to 132° F (0° to 56° C)
Storage Temperature -20° to 165° F (-29° to 74° C)
Humidity 0 % to 90% non-condensing

Installation

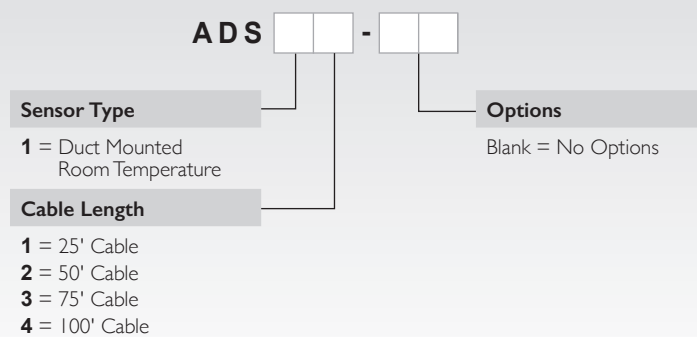
Drill a 3/8" hole in the duct and insert the probe through the hole until the foam pad is tight to the duct. Secure to duct using the (2) screws provided through the mounting holes in flange. Use only RJ-45 cable provided by Accutrol to connect to AVR.

Wiring

Remove enclosure cover. Insert one end of the factory cable through the strain relief fitting located on the transmitter enclosure and plug it into the RJ45 connector located in the transmitter. Install the transmitter cover and snug the strain relief fitting over the cable. Connect the other end of the cable to the AVR AccuValve controller's Device Port.



ADS Duct Mounted Room Temperature Sensor Ordering Guide



Your representative is: