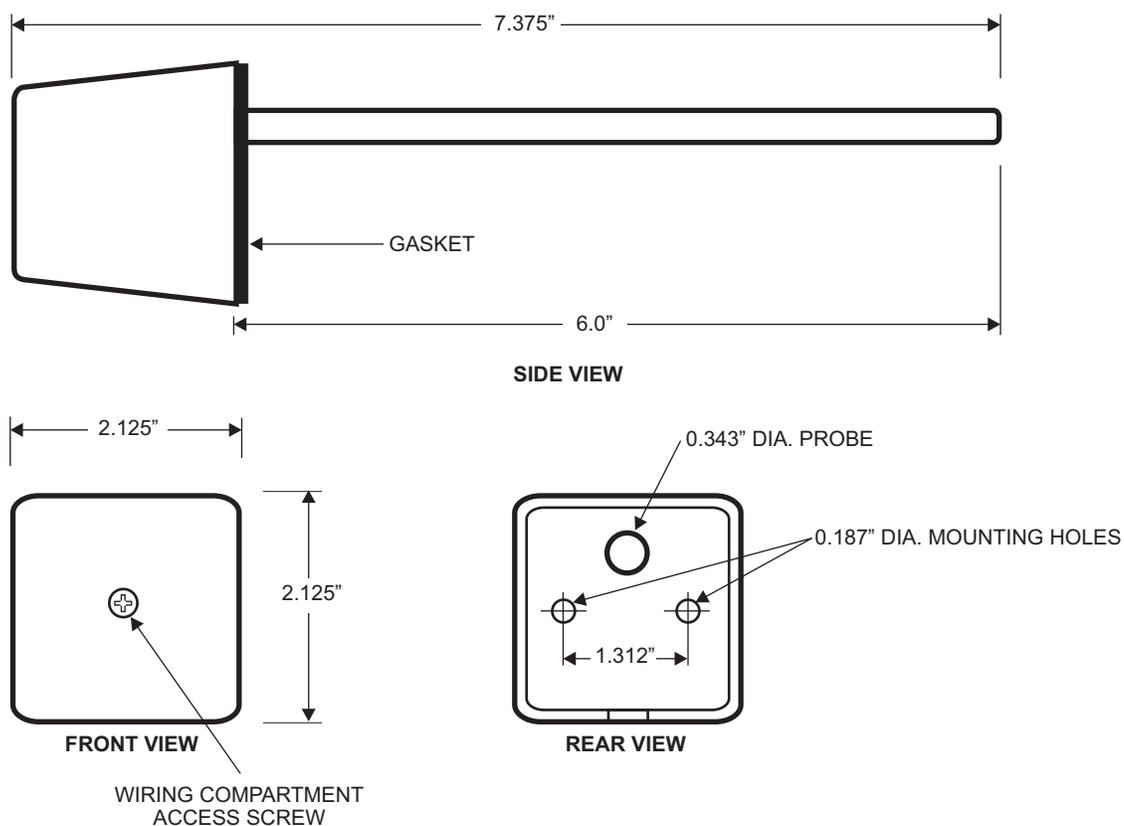


# SC-Z20-DAS

## Discharge Air Sensor Specifications



### APPLICATION:

The SC-Z20-DAS is used with the SC-Z20 zone control logic panel to measure the discharge air temperature of the HVAC system. The SC-Z20-DAS contains a stainless steel probe with an encapsulated 10k $\Omega$  thermister. The discharge air temperature is interpreted as an Ohms value and the signal is sent to the SC-Z20 zone control logic panel. The control algorithm of the SC-Z20 uses this signal to control equipment staging as well as provide high and low limit protection.

### INSTALLATION:

The Z-2000-DAS discharge air temperature sensor should be mounted a minimum of 26 inches from the HVAC equipment in the main supply duct. Connect the sensor to the terminals labeled **DAS** on the SC-Z20 zone control interface board. 18-2 plenum-rated thermostat wire is recommended.

### CONSTRUCTION:

Wiring Compartment - ABS Plastic  
Sensor Probe - Stainless Steel  
Gasket Material - Neoprene

### SENSOR:

Type - 10K NTC Type 3  
Voltage - 20-30 VAC  
Resistance - 10k $\Omega$  @ 77° F  
Tolerance - +/- 3% @ 77° F

Drawings are intended to show general, overall product dimensions and provide guidance for installation clearance. Drawings are not to scale. Specified Controls reserves the right to make product changes without notification or obligation.



5351 E. Thompson Road Suite 128, Indianapolis, IN 46237  
Phone: 317.361.0830  
www.specifiedcontrols.com

SC-08-1077-061614