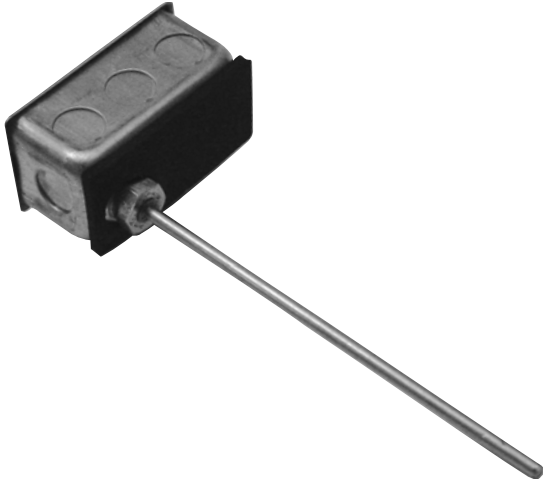
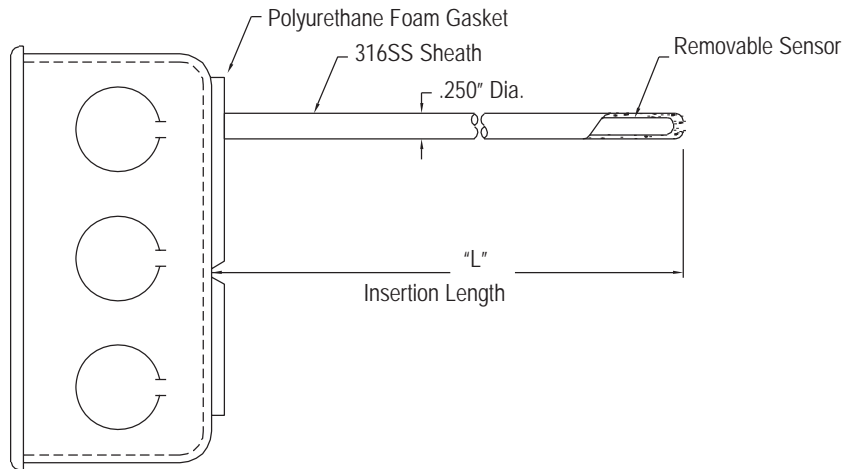


Model 733 Duct Air Sensor



- Accurately senses temperature at a point inside a duct or plenum.
- Low cost rugged design. High quality sensor constructed of 316 stainless steel.
- Ease of installation - unit mounts with only 2 screws, and is supplied with a gasket to prevent air leakage from duct.
- Sensor is easily removable without dismounting the unit.
- Ideal for remote sensing and long distance transmission when used in conjunction with the Sensor-Mate® Temperature Transmitter.



Specifications:

Element Type:	Code	PB	Pt RTD, 100 ohms @ 0°C, (32°F), 0.00385055 TCR (DIN B)
		PC	Pt RTD, 1000 ohms @ 0°C, (32°F), 0.00385055 TCR (DIN B)
		TM	Thermistor, 10,000 ohms @ 25°C (77°F)
Max. Operating Temperature:	65°C (150°F)		
Sensor Lead Wire:	RTD	Three 24 AWG Teflon insulated	
	Thermistor	Two 20 AWG polyolefin insulated	
Insulation Resistance:	Minimum 100 megohms @ 100 VDC @ 21°C (70°F)		
Stability:	RTD	Typically, 0.26°C (0.47°F) over 5 years	
	Themistor	Typically, 1°C (1.8°F) over 5 years	
Accuracy:	RTD	±0.3°C (±0.56 °F) @ 0°C	
	Thermistor	±0.2°C from 0° to 87°C (± 0.36 °F, from 32 °F to 158°F)	
	Transmitter	Add 0.08% of span (RTD only)	

Code	Duct Air Sensor
733-PB	Pt RTD, 100 ohms @ 0°C (32°F) (DIN B)
733-PC	Pt RTD, 1000 ohms @ 0°C (32°F) (DIN B)
733-TM	Thermistor, 10,000 ohms @ 25°C (77°F) - not available with transmitter Add code "MT" for matched calibrated to transmitter. See RTD General Specifications.

Code	Housing
U	Galvanized steel utility box with cover - Industry Standard
W	Painted steel box with cover, NEMA 4

Code	Insertion Length (L)
(L")	Specify "L" dimension in inches, 6" & 8" are standard.
Other	Consult factory

For RTD assemblies with Sensor-Mate® Temperature Transmitter

Model	Sensor Mate® Temperature Transmitter
4500H	100 ohm Pt RTD input/ PC programmable/ 4-20mA output
4554H	1000 ohm Pt RTD input/ 4-20mA output

Code	Temperature Range
(__ to __)	Specify °C or °F

733-PB - U - 6" - 4554H - (0° to 100°F)	← Sample Model Number (Sensor with Transmitter)
733-PB - U - 6"	← Sample Model Number (Sensor without Transmitter)
- - - - -	← Your Model Number

