

713 bendable area-averaging sensor



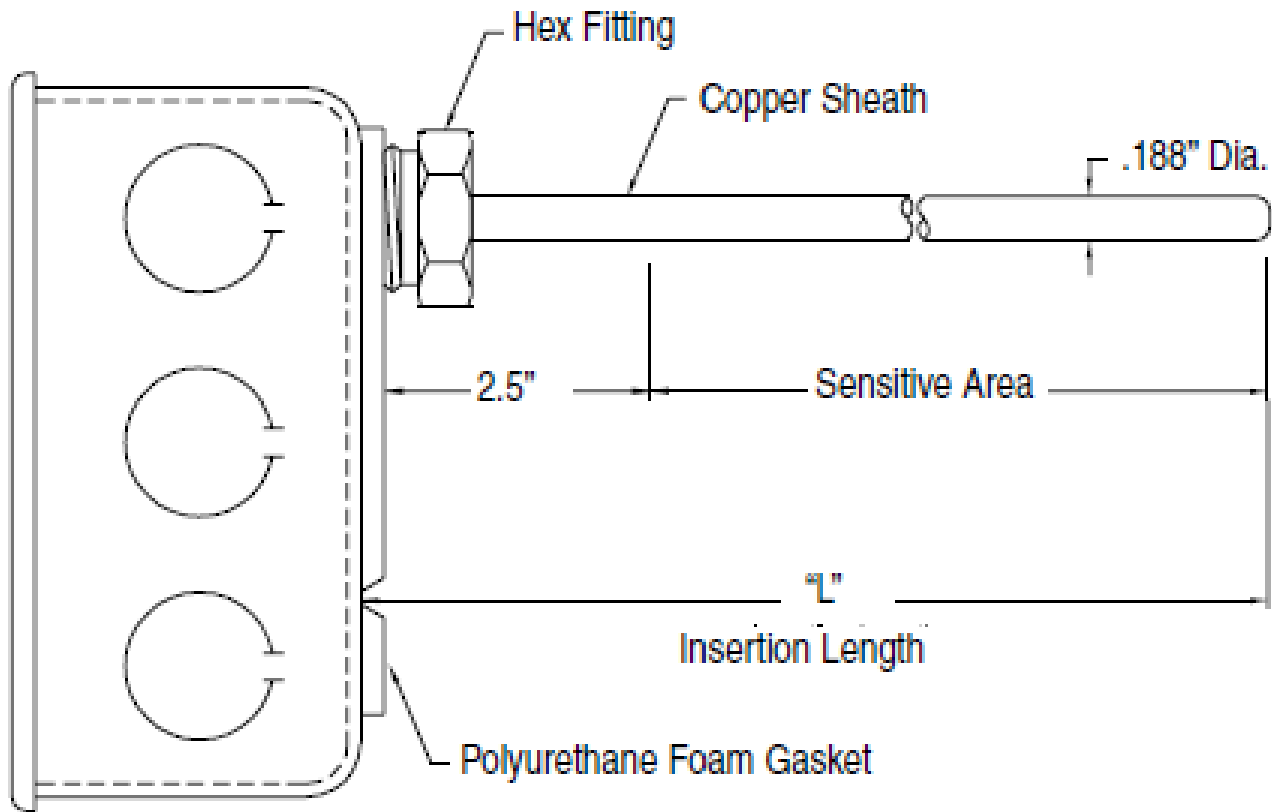
Overview

Installed in air ducts, cooling towers, air-handling systems and other applications where measuring the average temperature in a large area is necessary.

Available with a choice of housings to suit application requirements.

Ideal for remote sensing when used in conjunction with a temperature transmitter.

Technical specification



Element Type:	Code PD	Pt RTD, 100 ohms @ 0°C (32°F), 0.00385055 TCR (DIN B)
	Code PE	Pt RTD, 1000 ohms @ 0°C (32°F), 0.00385055 TCR (DIN B)
Max. Operating Temperature:	Sensor	93 °C (200°F)
	Transmitter	65°C (150°F)
Sensor Lead Wire:	Three 24 AWG Teflon insulated	
Insulation Resistance:	Minimum 100 Megohms @ 100 VDC @ 21°C (70°F)	
Accuracy: RTD	±1.38°C (±2.5°F)	
	With Transmitter	Add 0.1% of span

Technical specification

Code	Bendable Area Averaging Sensor
713-PD	Pt RTD, 100 ohms @ 0°C (32°F)
713-PE	Pt RTD, 1000 ohms @ 0°C (32°F)
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 feet (standard 8', 12' 17' & 24')
Other	Consult factory

For RTD assemblies with Sensor-Mate® Temperature Transmitter

Model	Sensor Mate® Transmitter
4600H	100 ohm Pt RTD input/ PC programmable/ 4-20mA output
7700H	1000 ohm Pt RTD input/ 4-20mA output
Code	Temperature Range
(__ to __)	Specify °C or °F

713-PD	-	U	-	8'	-	4600H	-	(0° to 100°F)	← Sample Model Number (Sensor with Transmitter)
713-PD	-	U	-	8'	← Sample Model Number (Sensor without Transmitter)				
-	-	-	-	-	-	-	-	-	← Your Model Number

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