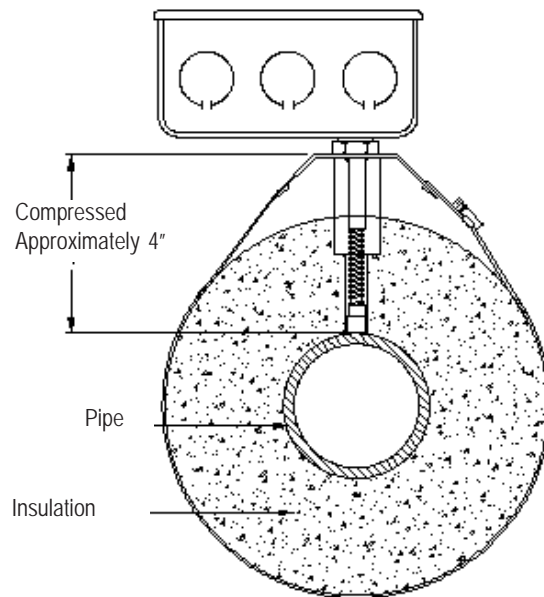


## Model 763 Pipe-Clamp Sensor



- Designed to measure the temperature of fluids in pipes or tanks. Ideal for applications where invasive sensor installation is impractical or prohibitive in cost.
- Unique tip design provides fast response time and excellent accuracy.
- Ideal for remote sensing 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:	RTD Sensor	148°C (300°F)	
	Thermistor	121°C (250°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°C (± 0.56 °F @ 32°F)	
	Thermistor	± 0.2°C, from 0°C to 87°C (± 0.36 °F, from 32 °F to 158°F)	
	With Transmitter	± 0.08% of span (RTD only)	



Rev. 0905

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Code	Pipe Clamp Sensor
763-PB	RTD, 100 ohms @ 0°C (32°F) (DIN B),
763-PC	RTD, 1000 ohms @ 0°C (32°F) (DIN B)
763-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	Pipe Diameter
XX.X	Specify in inches to the nearest .5"
Code	Insulation Thickness - 4" Maximum
XX.X	Specify to the nearest inch

*For RTD assemblies with Sensor-Mate® Transmitter*

Code	Sensor®-Mate 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°

763-PB - U / 06.0 - 2.0 - 4554H - (0° to 100°F)	← Sample Model Number (RTD with Transmitter)
763-PB - U / - - -	← Sample Model Number (Sensor with no Transmitter)
- - / - - -	← Your Model Number