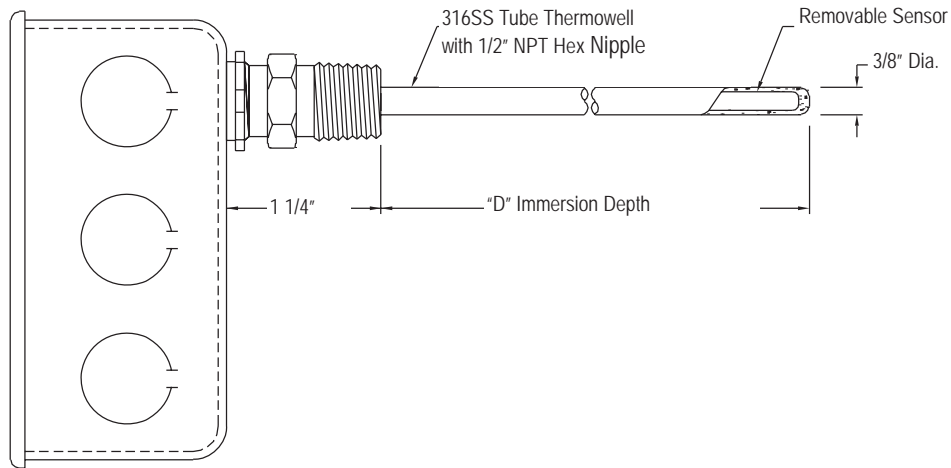


## Model 723 Fluid Immersion Sensor



- Accurately senses temperature of heated / chilled water and other heat exchange fluids.
- Easily installs in pipes or tanks.
- Removable Sensor
- Available with optional housings to meet specific application requirements.
- Ideal for remote sensing when used in conjunction with the Weed Instrument 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)
	RTD Transmitter	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 (±56°F @ 0°C)
	Thermistor	±0.2°C from 0°C to 87°C (±0.36°F, from 32°F to 158°F)
	With Transmitter	Add 0.1% of span (RTD only)

Code	Fluid Immersion Sensor
723-PB	Pt RTD, 100 ohms @ 0°C (32°F) (DIN B)
723-PC	Pt RTD, 1000 ohms @ 0°C (32°F) (DIN B)
723-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 - <b>Industry Standard</b>
W	Painted steel box with cover, NEMA 4

Code	Insertion Length (L)
(D")	Specify "D" dimension in inches, up to 10" is standard.
Other	Consult factory

*For RTD assemblies with Sensor-Mate® Temperature Transmitter*

Model	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

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