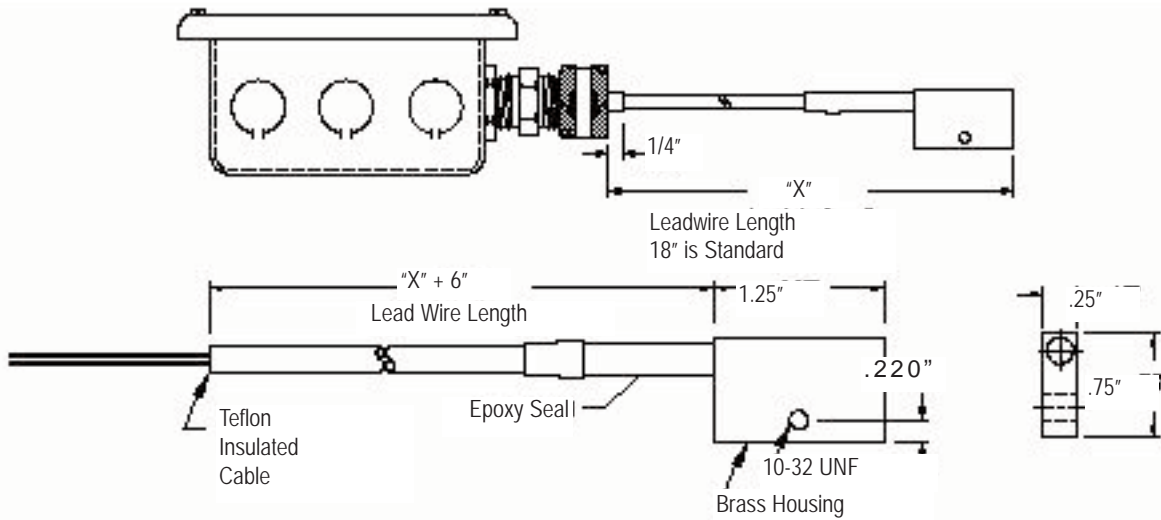


Model 773 Bolt-On Sensor



- Accurate measurement of surface temperatures.
- Compact sensing block designed for fast time response, may be installed by bolting, clamping or cementing to the surface.
- Ideal for remote sensing when used in conjunction with the Weed Instrument Sensor-Mate® Temperature Transmitter.



Specifications:

Element Type:	Code	PB	Platinum RTD, 100 ohms @ 0°C (32°F), 0.00385 TCR (DinB)
		PC	Platinum RTD, 1,000 ohms @ 0°C (32°F), 0.00385 TCR (DinB)
		TM	Thermistor, 10,000 ohms @ 25°C (77°F)
Max. Operating Temperature:	RTD Sensor	148°C (300°F)	
	RTD Transmitter	121°C (150°F)	
	Thermistor	65°C (250°F)	
Sensor Lead Wire:	RTD	Three 24 AWG Teflon insulated	
	Thermistor	Two 20 AWG cross linked polyolefin insulated	
Insulation Resistance:	Minimum 100 megohms @ 100 VDC @ 21°C (70°F)		
Stability:	RTD	Typically, 0.26°C (0.47°F) in 5 years	
	Themistor	Typically, 1°C (1.8°F) in 5 years	
Accuracy:	RTD	±0.3°C (±0.56°F) @ 0°C (32°F)	
	Thermistor	±0.2°C from 0° to 87°C (± 0.36 °F, from 32 °F to 158°F)	
	With Transmitter	Add 0.1% of span (RTD only)	

Code	Bolt-On Sensor
773-PB	RTD, 100 ohms @ 0°C (32°F) (DIN B)
773-PC	RTD, 1000 ohms @ 0°C (32°F) (DIN B)
773-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	Lead Wire Length (X)
(X")	Specify "X" dimension in inches, 18" 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 (to be discontinued in 2004)
Code	Temperature Range
(__ to __)	Specify °C or °F

773-PB - U - 18 - 4554H - (0° to 100°F)	← Sample Model Number (RTD with Transmitter)
773-TM - U - 18	← Sample Model Number (Sensor with no Transmitter)
- - - - -	← Your Model Number

