



Dial Type



Scale Type



Description & Features:

- An economical and accurate way to measure air or water temperatures
- Separable brass or lead free brass thermowell
- Bi-metallic element (dial type only)
- Dual scale (°F & °C)
- Dial type or vertical scale type
- Easy to install
- 1/2" NPT process connection
- ASME B40.200 compliant
- 5 year warranty

Applications:

- Hot water lines, boilers and hydronic heating
- Lead free version for potable water systems

Dial Type Specifications

Dial	2" (50mm), 2.5" (63mm) aluminum, painted white with black and red markings
Case	Aluminum
Lens	Glass
Ring	Steel, chrome plated
Thermowell	TSW: Brass (HPB59-1), 1/2" NPT standard, separable TSW-LF: Lead free brass, 1/2" NPT standard, separable
Stem	Brass
Sensing Element	Bi-metallic element
Pointer	Aluminum, painted black
Recalibrator	Standard
Accuracy	±1%

Scale Type Specifications

Scale/Case	8" (200mm) scale with steel case, painted white with black markings
Tube	#N-16 glass
Sensing Liquid	Organic fluid
Thermowell	TSW: Brass (HPB59-1), 1/2" NPT standard, separable TSW-LF: Lead free brass, 1/2" NPT standard, separable
Accuracy	±1%

TSW Dial Order Codes (products in bold are normally stock in North America)

Dial	Range	Connection	Code
2" (50mm)	30°F to 250°F & 0°C to 120°C	1/2" NPT centre back	TSW174-2
2.5" (63mm)	30°F to 250°F & 0°C to 120°C	1/2" NPT centre back	TSW174
		3/4" Sweatwell	TSW174-SW

Other ranges, stem lengths, dial and connection sizes available upon request.

TSW Scale Order Codes (products in bold are normally stock in North America)

Scale	Range	Connection	Code
8" (200mm)	40°F to 280°F & 5°C to 135°C	Straight	TSW172
		Angle	TSW173

Other ranges and connection sizes available upon request.

TSW-LF Dial Order Codes (products in bold are normally stock in North America)

Dial	Range	Connection	Code
2" (50mm)	30°F to 250°F & 0°C to 120°C	1/2" NPT centre back	TSW174-2LF
2.5" (63mm)	30°F to 250°F & 0°C to 120°C	1/2" NPT centre back	TSW174LF
		3/4" Sweatwell	TSW174-SWLF

Other ranges, stem lengths, dial and connection sizes available upon request.

TSW-LF Scale Order Codes (products in bold are normally stock in North America)

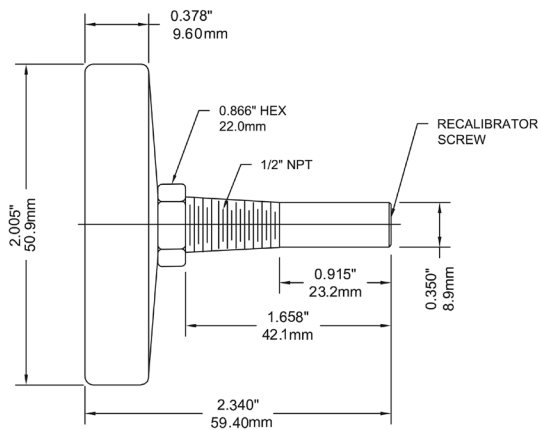
Scale	Range	Connection	Code
8" (200mm)	40°F to 280°F & 5°C to 135°C	Straight	TSW172LF
		Angle	TSW173LF

Other ranges and connection sizes available upon request.

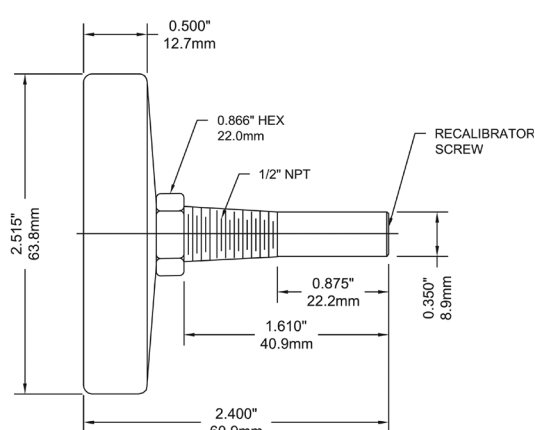
Thermowell Order Codes (products in bold are normally stock in North America)

Connection	Material	Code
1/2" NPT (for TSW174-2)	Lead Free Brass	TSW45LF
1/2" NPT (for TSW174)	Lead Free Brass	TSW65LF
1/2" NPT (for TSW174-SW)	Lead Free Brass	TSW85LF
1/2" NPT (for TSW172 & TSW173)	Lead Free Brass	TSW25LF

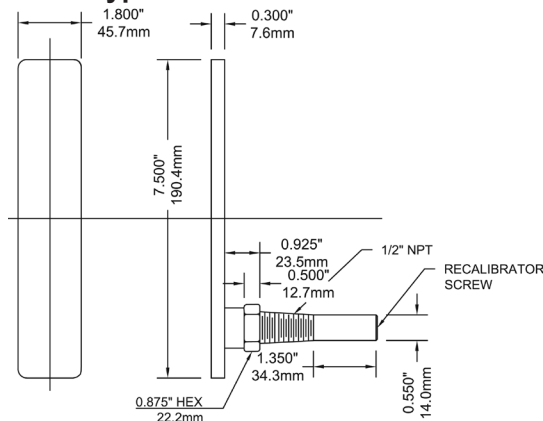
2" Dial Type



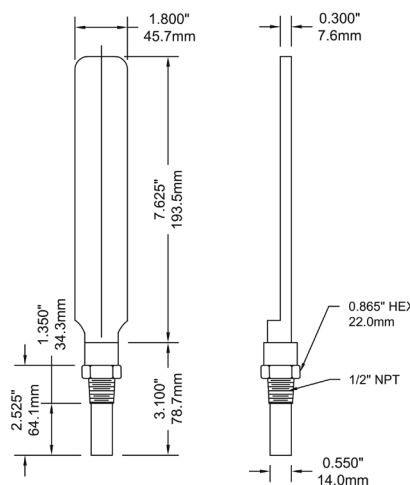
2.5" Dial Type



Scale Type



Back Connection



Bottom Connection