

Industrial 9" Thermometer, Lead Free Industrial 9" Thermometer

TIM, TIM-LF



Description & Features:


- Widely specified in the industrial and commercial plumbing trade
- Includes a separable brass or lead free brass thermowell
- Can also be used with TIW/TIW-LF or TDF thermowells
- 3.5" (90mm) and 6" (150mm) stem
- Available in aluminum or Valox® (9") case
- Organic filled tube (magnifying)
- Dual scale (°F & °C)
- Adjustable angle connection and 360° case rotation for easy installation
- Graphite filled bulb chamber for maximum heat conduction
- ASME B40.200 and ASTM E2251 compliant
- CAN/CGSB-14.4-M88 compliant
- ±1% accuracy
- 5 year warranty

Applications:

- New construction, plumbing, water lines, boilers, heating, ventilation and air conditioning
- Lead free version for potable water systems



Note: RoHS applies only to 304 SS and 316 SS thermowells

Specifications	
Scale	9" (230mm) aluminum or Valox® case, impact resistant
Lens	Glass (polycarbonate available)
Connection	3/4" NPT with thermowell 1 1/4" - 18 UNEF swivel nut (no thermowell)
Scales	Aluminum, painted white with black markings
Bulb Chamber	Tapered cast aluminum with graphite fill
Tube and Sensing Liquid	Glass (magnifying), organic green fluid (other colours optional)
Adjustment	Fully adjustable
Thermowell	TIM: 3/4" Brass, separable socket (SS optional) TIM-LF: 3/4" Lead free brass, separable socket
Accuracy	±1%
Enclosure Rating	IP54
Warning	 WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov .

Note: For an Industrial Thermowell, please refer to the Industrial Thermowell product page

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

Stem	Aluminum Case		Valox® Case	
	3.5" (90mm)	6" (150mm)	3.5" (90mm)	6" (150mm)
-40°F to 110°F & -40°C to 40°C	TIM101A	TIM101-6A	TIM101	TIM101-6
0°F to 120°F & -15°C to 50°C	TIM102A	TIM102-6A	TIM102	TIM102-6
0°F to 160°F & -15°C to 70°C	TIM103A	TIM103-6A	TIM103	TIM103-6
30°F to 180°F & 0°C to 80°C	TIM104A	TIM104-6A	TIM104	TIM104-6
30°F to 240°F & 0°C to 115°C	TIM100A	TIM100-6A	TIM100	TIM100-6
30°F to 300°F & 0°C to 150°C	TIM105A	TIM105-6A	TIM105	TIM105-6

Other ranges and connection sizes available upon request. Duct flange available upon request. Union connection available upon request.

Option suffix:

B = Blue fill fluid

R = Red fill fluid

Valox® is a registered trademark of the General Electric Company

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

Stem	Aluminum Case		Valox® Case	
	3.5" (90mm)	6" (150mm)	3.5" (90mm)	6" (150mm)
-40°F to 110°F & -40°C to 40°C	TIM101ALF	TIM101-6ALF	TIM101LF	TIM101-6LF
0°F to 120°F & -15°C to 50°C	TIM102ALF	TIM102-6ALF	TIM102LF	TIM102-6LF
0°F to 160°F & -15°C to 70°C	TIM103ALF	TIM103-6ALF	TIM103LF	TIM103-6LF
30°F to 180°F & 0°C to 80°C	TIM104ALF	TIM104-6ALF	TIM104LF	TIM104-6LF
30°F to 240°F & 0°C to 115°C	TIM100ALF	TIM100-6ALF	TIM100LF	TIM100-6LF
30°F to 300°F & 0°C to 150°C	TIM105ALF	TIM105-6ALF	TIM105LF	TIM105-6LF

Other ranges available upon request.

Option suffix:

B = Blue fill fluid

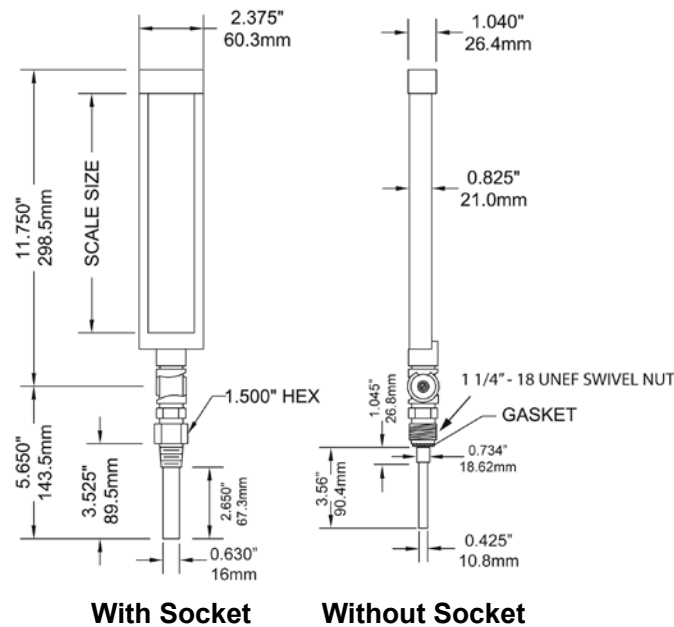
R = Red fill fluid

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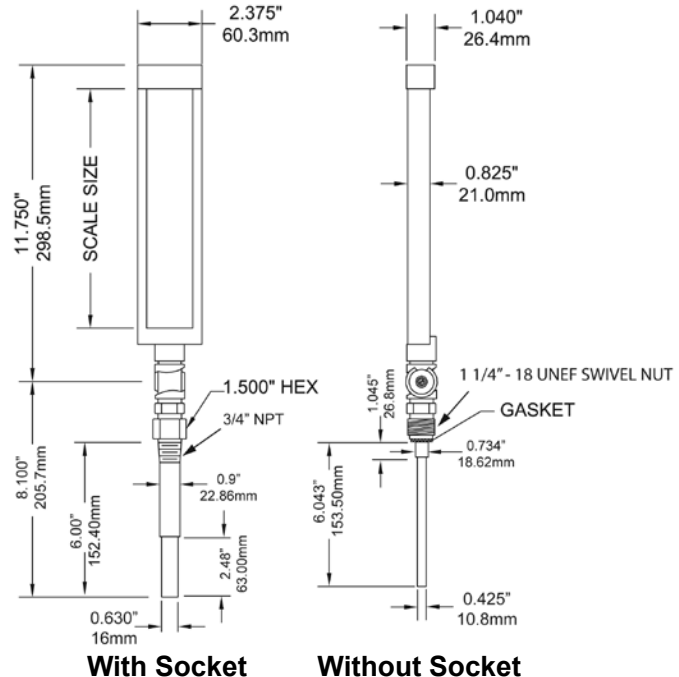
TIW-LF Thermowell Order Codes (products in bold are normally stock in North America)

Stem Length	Overall Length	Material	Insertion Length	3/4" NPT Connection
3.5" Without Lagging	4.25" (108mm)	Lead Free Brass	2.5" (63mm)	TIW01LF
6" Without Lagging	6.75" (172mm)	Lead Free Brass	5" (127mm)	TIW04LF

3.5" Stem



6" Stem



Thermometers