

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
- 3.5" (90mm) and 6" (150mm) stem
- Available in aluminum or Valox® (9") case
- Organic filled tube (magnifying)
- Dual scale (°F & °C)
- Vari-angle connection and 360 degree case rotation for easy installation
- Graphite filled bulb chamber for maximum heat conduction
- ASME B40.200 compliant
- CAN/CGSB-14.4-M88 compliant
- ±1% accuracy
- 5 year warranty

Applications:

- New construction, plumbing, water lines, boilers, heating, ventilation and air conditioning

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

| Specifications | |
|--------------------------------|--|
| Scale | 9" (230mm) aluminum or Valox® case, impact resistant |
| Lens | Glass |
| Connection | 3/4" NPT with thermowell 1 1/4" - 18 UNF 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 fluid |
| 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 |

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

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

| 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.

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

| 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 |

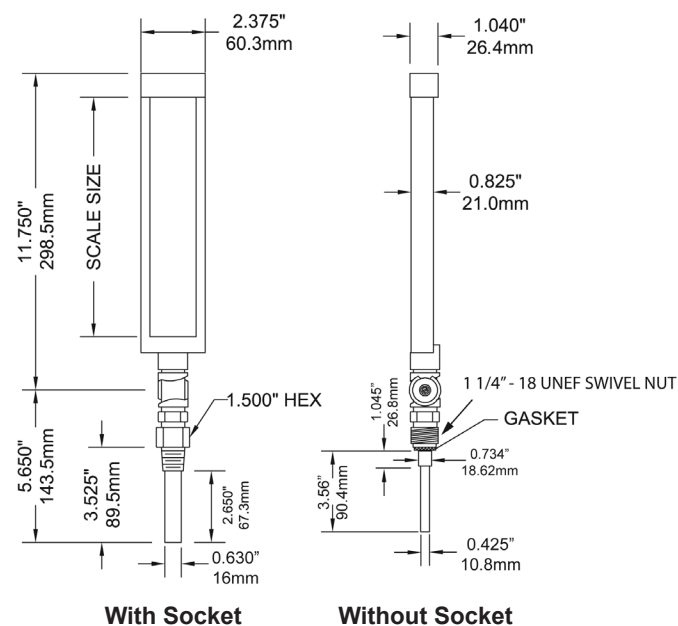
Other ranges available upon request.

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

| 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

