



**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**

|                                |  |
|--------------------------------|--|
| <b>Scale</b>                   | 9" (230mm) aluminum or Valox® case, impact resistant   |
| <b>Lens</b>                    | Glass (polycarbonate available)  |
| <b>Connection</b>              | 3/4" NPT with thermowell<br>1 1/4" - 18 UNF swivel nut (no thermowell)   |
| <b>Scales</b>                  | Aluminum, painted white with black markings  |
| <b>Bulb Chamber</b>            | Tapered cast aluminum with graphite fill   |
| <b>Tube and Sensing Liquid</b> | Glass (magnifying), organic green fluid (other colours optional)   |
| <b>Adjustment</b>              | Fully adjustable   |
| <b>Thermowell</b>              | TIM: 3/4" Brass, separable socket (SS optional)<br>TIM-LF: 3/4" Lead free brass, separable socket  |
| <b>Accuracy</b>                | ±1%  |
| <b>Enclosure Rating</b>        | IP54   |
| <b>Warning</b>                 |  <b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> . |

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 | <b>TIM101A</b> | TIM101-6A        | <b>TIM101</b> | TIM101-6        |
| 0°F to 120°F & -15°C to 50°C   | <b>TIM102A</b> | <b>TIM102-6A</b> | <b>TIM102</b> | <b>TIM102-6</b> |
| 0°F to 160°F & -15°C to 70°C   | <b>TIM103A</b> | TIM103-6A        | <b>TIM103</b> | TIM103-6        |
| 30°F to 180°F & 0°C to 80°C    | <b>TIM104A</b> | TIM104-6A        | <b>TIM104</b> | TIM104-6        |
| 30°F to 240°F & 0°C to 115°C   | <b>TIM100A</b> | <b>TIM100-6A</b> | <b>TIM100</b> | <b>TIM100-6</b> |
| 30°F to 300°F & 0°C to 150°C   | <b>TIM105A</b> | <b>TIM105-6A</b> | <b>TIM105</b> | 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

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### 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 | <b>TIM101ALF</b> | TIM101-6ALF        | <b>TIM101LF</b> | TIM101-6LF        |
| 0°F to 120°F & -15°C to 50°C   | <b>TIM102ALF</b> | <b>TIM102-6ALF</b> | <b>TIM102LF</b> | <b>TIM102-6LF</b> |
| 0°F to 160°F & -15°C to 70°C   | <b>TIM103ALF</b> | TIM103-6ALF        | <b>TIM103LF</b> | TIM103-6LF        |
| 30°F to 180°F & 0°C to 80°C    | <b>TIM104ALF</b> | TIM104-6ALF        | <b>TIM104LF</b> | TIM104-6LF        |
| 30°F to 240°F & 0°C to 115°C   | <b>TIM100ALF</b> | <b>TIM100-6ALF</b> | <b>TIM100LF</b> | <b>TIM100-6LF</b> |
| 30°F to 300°F & 0°C to 150°C   | <b>TIM105ALF</b> | <b>TIM105-6ALF</b> | <b>TIM105LF</b> | TIM105-6LF        |

Other ranges available upon request.

#### Option suffix:

B = Blue fill fluid

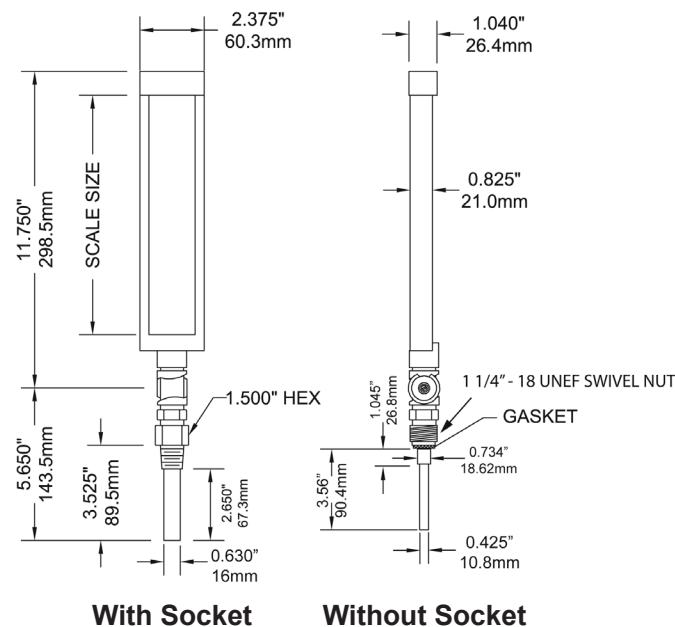
R = Red fill fluid

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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 |
|-----------------------------|----------------|-----------------|------------------|---------------------|
| <b>3.5" Without Lagging</b> | 4.25" (108mm)  | Lead Free Brass | 2.5" (63mm)      | <b>TIW01LF</b>      |
| <b>6" Without Lagging</b>   | 6.75" (172mm)  | Lead Free Brass | 5" (127mm)       | <b>TIW04LF</b>      |

#### 3.5" Stem



#### 6" Stem

