

# 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" (160mm) stem
- Available in aluminum or Valox® (9") case
- Organic filled tube (magnifying)
- Dual scale (°F & °C)
- Vari-angle connection and 360° case rotation for easy installation
- Graphite filled bulb chamber for maximum heat conduction
- ±1% accuracy
- ASME B40.200 compliant
- CAN/CGSB-14.4-M88 compliant
- 5 year warranty

### Applications:

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

Note: RoHS applies only with SS TIW thermowell

| Specifications          |                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Scale                   | 9" (230mm) aluminum or Valox® case, impact resistant                                                                                 |
| Lens                    | Glass                                                                                                                                |
| Connection              | 3/4" NPT with thermowell (other thread types are available)<br>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, red, green, blue (red is default)                                                                 |
| Adjustment              | Fully adjustable                                                                                                                     |
| Thermowell              | TIM: 3/4" Brass separable socket<br>TIM-LF: 3/4" Lead free brass separable socket (Other thermowells and thread types are available) |
| Accuracy                | ±1%                                                                                                                                  |
| Enclosure Rating        | IP54                                                                                                                                 |

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

### TIM Order Codes

| Stem                           | Aluminum Case |            | Valox® Case |            |
|--------------------------------|---------------|------------|-------------|------------|
|                                | 3.5" (75mm)   | 6" (150mm) | 3.5" (75mm) | 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, connection sizes and thread types are available upon request. Duct flange available upon request. Union connection available upon request.

Valox® is a registered trademark of the General Electric Company

### TIM-LF Order Codes

| Stem                           | Aluminum Case |             | Valox® Case |            |
|--------------------------------|---------------|-------------|-------------|------------|
|                                | 3.5" (75mm)   | 6" (150mm)  | 3.5" (75mm) | 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 |

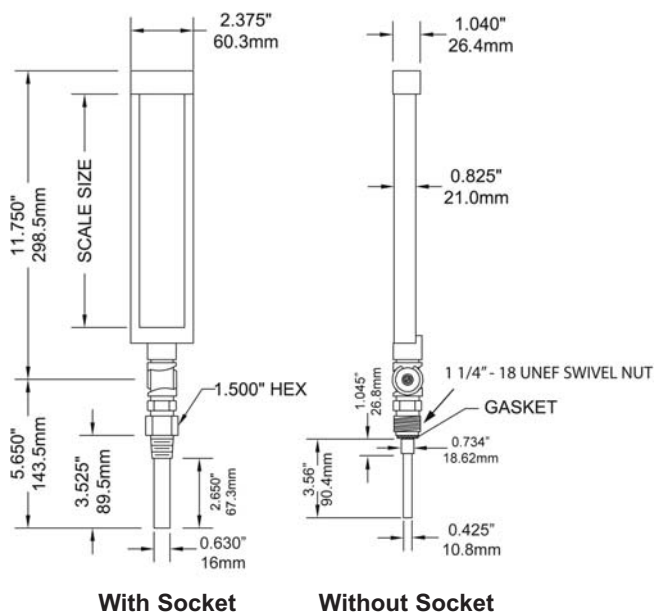
Other ranges, connection sizes and thread types are available upon request. Duct flange available upon request. Union connection available upon request.

Valox® is a registered trademark of the General Electric Company

### TIW-LF Thermowell Order Codes

| 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)      | TIW01LF             |
| <b>6" Without Lagging</b>   | 6.75" (172mm)  | Lead Free Brass | 5" (127mm)       | TIW04LF             |

#### 3.5" Stem



#### 6" Stem

