

## V-SHAPED THERMOMETERS L= 100-150-200

Instruments designed for use on: conventional power stations, refrigeration plants and heating plants.



**Accuracy:**  $\pm 1\%$  of full scale value.

**Working temperature:** 350 psi max (25 bar), without thermowell.

**Overtemperature:** not suitable.

**Sensing element:** toluol.

**Graduation:** engraved on internal wall of case.

**Tube:** glass.

**Bulb:**  $\varnothing 0.43"$  (11 mm).

**Case:** aluminium, anodized brass.

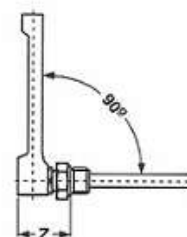
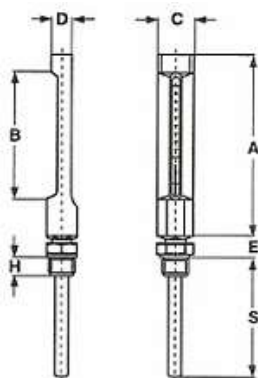
**Process connection and bulb protection:**

brass for temperatures  $\leq 752^{\circ}\text{F}$  ( $400^{\circ}\text{C}$ ),

steel for temperatures  $\geq 900^{\circ}\text{F}$  ( $500^{\circ}\text{C}$ .)

**Standard bulb length:** 1.57, 1.89, 2.48, 3.15, 3.94, 4.33, 5.91, 7.87, 11.81" (40, 48, 63, 80, 100, 110, 150, 200, 300 mm)

| Ranges<br>°C | Scale graduation (°C) |                   |                   |
|--------------|-----------------------|-------------------|-------------------|
|              | L= 4"<br>(100 mm)     | L= 6"<br>(150 mm) | L= 8"<br>(200 mm) |
| -60...+40    |                       | 2                 |                   |
| -40...+40    | 1                     | 1                 |                   |
| -30...+50    |                       | 1                 | 1                 |
| -10...+50    |                       | 1                 | 1                 |
| -10...+110   |                       |                   | 1                 |
| 0...+50      | 1                     |                   |                   |
| 0...+100     | 2                     | 2                 | 1                 |
| 0...+120     | 2                     | 2                 | 1                 |
| 0...+140     |                       | 2                 | 1                 |
| 0...+160     | 2                     | 2                 | 2                 |
| 0...+200     | 5                     | 5                 | 2                 |
| 0...+300     |                       | 5                 | 5                 |
| 0...+600     |                       | 5                 | 5                 |



| L=                        | F                                      | A             | B             | C            | D            | E            | Z            | H            | S                          | Weight lbs<br>(kg)         |
|---------------------------|----------------------------------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|----------------------------|----------------------------|
| <b>L= 4"<br/>(100 mm)</b> | G 1/2 B, G3/4 B,<br>1/2" NPT, 3/4" NPT | 4.33<br>(110) | 2.79<br>(70)  | 1.38<br>(35) | 0.79<br>(20) | 0.79<br>(20) | 1.77<br>(45) | 0.59<br>(15) | 1.57...11.81<br>(40...300) | 1.32...2.42<br>(0.6...1.1) |
| <b>L= 6"<br/>(150 mm)</b> | G 1/2 B, G3/4 B,<br>1/2" NPT, 3/4" NPT | 5.91<br>(150) | 3.94<br>(100) | 1.38<br>(35) | 0.79<br>(20) | 0.79<br>(20) | 1.77<br>(45) | 0.59<br>(15) | 1.57...11.81<br>(40...300) | 1.54...2.64<br>(0.7...1.2) |
| <b>L= 8"<br/>(200 mm)</b> | G 1/2 B, G3/4 B,<br>1/2" NPT, 3/4" NPT | 7.87<br>(200) | 5.91<br>(150) | 1.38<br>(35) | 0.79<br>(20) | 0.79<br>(20) | 1.77<br>(45) | 0.59<br>(15) | 1.57...11.81<br>(40...300) | 1.76...2.86<br>(0.8...1.3) |

Dimensions: inches (mm)

This publication does not try to establish the bases of a contract and the company keeps the right to modify without previous notice the design and the specifications of the instruments, in accordance with his politics of continued development.

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