1¾” and 2” Back Connected Industrial Thermometers

A smaller size, heavy duty, rear connected unit commonly used in OEM equipment and light industrial applications.

➤ MODEL CODES:

GT-200 1¾” diameter head
GT-225 2” diameter head
LN-250 2” diameter head
LN-250R 2” diameter head with calibration feature

➤ SPECIFICATIONS:

Stem Lengths: GT Models 2 ½”, 4”, 6”, 8”, 12”, and 18”.
LN Models 2 ½”, 4”, 6”, 9”, 12”, 15”, 18” and 24” (available up to 120”).

Stem Diameter: GT model .150” standard up to 18” stem.
LN model .250” standard up to 42” stem.
LN model .375” is standard over 42” stem.

Connection: GT models ⅛”, ¼”, or ⅜” NPT is standard.
LN models ¼” NPT is standard.

External Reset: LN-250R is easy to calibrate by loosening the socket head screw (above hex connecting nut) with ⅝” Allen wrench.

Construction: 304 stainless steel external parts. Welded construction.

Hermetic seal: Per ASME B40.3 dustproof and leakproof.

Dial: Anodized aluminum with large black numbers and graduations.

Lens: Glass.

Bimetal Coil: Helix coil is silicone coated on ranges below 500°F for vibration dampening and to maximize heat transfer and response time.

Accuracy: ±1% full span per ASME B40.3 Grade A.

Over Temperature Limits: Up to 250°F 100%; 250°F to 550°F, 50%; 550°F to 1000°F, continuous use up to 800°F, intermittent use over 800°F.
STANDARD RANGES:

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<thead>
<tr>
<th>Fahrenheit</th>
<th>°/Div.</th>
<th>Celsius</th>
<th>°/Div.</th>
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<th>Celsius</th>
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<td>-75/175</td>
<td>5°</td>
<td>-100/100</td>
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(Additional Ranges Available – Consult factory)

* Thermometers with temperature ranges 200/1000°F and 100/550°C are NOT RECOMMENDED FOR CONTINUOUS USE ABOVE 800°F/425°C (FOR INTERMITTENT USE ONLY).

OPTIONS:

- Other threaded or plain connections.
- Silicone filled.
- Other lenses are acrylic, polycarbonate or tempered glass.
- Other stem diameters GT-200/GT225 .140” (3.6mm) models. LN-250 .236” (6mm) and .375” (9.5mm).
- Other configuration combinations available upon request.

GT-200, GT-225, AND LN-250

Model "A" "B" "C"
GT-200 .350" (8.89mm) 1.750" (44.45mm) .150" (3.81mm)
GT-225 .438" (11.13mm) 2.089" (53.06mm) .150" (3.81mm)
LN-250 .438" (11.13mm) 2.089" (53.06mm) .250" (6.35mm)

LN-250R

Model "A" "B" "C"
GT-200 .438" (11.13mm) .450" (11.43mm) .250 Dia. (6.35mm)
GT-225 .438" (11.13mm) .450" (11.43mm) .250 Dia. (6.35mm)
LN-250 .438" (11.13mm) .450" (11.43mm) .250 Dia. (6.35mm)

FOR HOW TO ORDER, SEE PAGE 6

IMPORTANT NOTES:

1) Thermowells are recommended for pressure, corrosive fluid or high velocity applications.
2) ASME B40.3—Bimetal thermometers manufactured by Tel-Tru and offered in this brochure are designed to meet or exceed this Standard issued by the American Society of Mechanical Engineers.