

Description & Features:

- A general purpose, tamper-proof, 304 stainless steel thermometer
- Hermetically sealed case
- Bi-metallic sensing element for reliable readings
- Back connected
- Stem length from 2.5" (63mm) and up
- ±1% accuracy
- Anti-parallax dial that reduces operator reading errors
- Lexan® lens
- 1 year warranty

Applications:

 Heating, ventilation, air conditioning, food processing, wastewater, industrial processes, compressors

Specifications		
Dial	3" (75mm) dish shaped dial, aluminum with black markings	
Case/Ring	AISI 304 SS	
Lens	Lexan®, hermetically sealed	
Stem	AISI 304 SS	
Connection	½" NPT, centre back	
Movement	Bi-metallic coil	
Pointer	Brass, painted black	
Welding	TIG	
Maximum Operating Pressure	125 psi (861 kPa)	
Operating Temperature	Recommended maximum 75% of full scale value	
Ambient/Process Temperature	Maximum 248°F (120°C)	
Accuracy	±1%	
Enclosure Rating	IP65	

Note: The use of a thermowell is recommended to protect the thermometer in corrosive or pressure applications, as well as to maintain a closed system during its removal from the process

Order Codes (products in bold are normally in stock)

Dial and Stem	Code
3" (75 mm) dial with 2.5" (63 mm) stem	TNR33025
3" (75 mm) dial with 4" (100 mm) stem	TNR33040
3" (75 mm) dial with 6" (150 mm) stem	TNR33060
3" (75 mm) dial with 9" (225 mm) stem	TNR33090

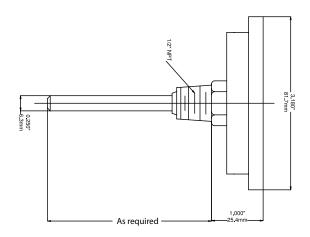
Example: TNR33040 B4

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Dual Scale Range	Code Suffix
-40°F to 120°F & -40°C to 50°C	B2
-40°F to 160°F & -40°C to 70°C	B4
0°F to 200°F & -20°C to 90°C	B6
0°F to 250°F & -20°C to 120°C	B8
50°F to 300°F & 10°C to 150°C	B9
50°F to 400°F & 10°C to 200°C	B10
50°F to 500°F & 10°C to 260°C	B11
150°F to 750°F & 100°C to 400°C	B12
200°F to 1,000°F & 100°C to 540°C	B13

330 Series Bi-Metal Thermometer



Series Number

