BI-METAL BOTTOM CONNECTED 90° ANGLE 3" FACE THERMOMETER



** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

DATE
: 11/24/2026 10:24 PM

SKU
: 3611

BRAND
: DIXON VALVE

MODEL
: 31040104

Use:
Immersion: for accurate temperature readings, immerse stem a minimum of 2" (50 mm) in agitated liquids or 4" (100 mm) in moving air or gas
Over range: temporary over or under range of 50% of scale up to 260°C or 500°F will not affect the instrument accuracy

Specifications:
Accuracy: guaranteed to be accurate to within 1% of full scale (Grade A per ASME B40.3) (The American Society of Mechanical Engineers issued a new standard for Bi-Metal Thermometers in 1990 referred to as ASME B40.3.)

Construction:
Case: sturdy, corrosion resistant series 304 stainless steel case and bezel
Crystal: optically clear, strong glass, gasketed to maintain weather-tight integrity is standard
Stem: 304 series stainless steel, welded at tip and case connector to prevent leakage, 1/4" (6.35 mm) diameter is standard
Hermetic seal: hermetically sealed per ASME B40.3 external reset: slotted-hex adjustment head offers screwdriver or wrench use to field calibrate the thermometer
Bi-metal element: an extremely responsive temperature sensing helix which has been carefully sized and tested, heat treated and aged to relieve inherent stresses and insure continued accuracy
Dampening: bi-metal helix is coated with a viscous silicone to minimize pointer oscillation and to improve temperature transmission

Safety notes:
WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

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TECHNICAL SPECIFICATIONS

Description	Model 31
Factory Part Number	31040104
Length	4" stem
Male Thread	NPT
Male Thread Size	1/2"
Temperature Range	50-500°F/ 10-260°C
Weight Lb	0.5435

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