

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



DATE

: 04/16/2026 08:55 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

* Referential image

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

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