

Bi-Metal Thermometers

Features

- Case: sturdy, corrosion-resistant series 304 stainless steel
- 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
- ASME B40.200 compliant
- 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
- 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
- Accuracy: guaranteed to be accurate to within 1% of full scale
- Standard connection is 1/2" male NPT

Specification

- Maximum operating pressure: 125 PSI

Model 30 Back Connected

Stem Length	Temperature Range	3" Face Part #
2-1/2"	0-250°F/-20-120°C	30025064
	50-500°F/10-260°C	30025104
4"	0-250°F/-20-120°C	30040064
	50-500°F/10-260°C	30040104
6"	0-250°F/-20-120°C	30060064
	50-500°F/10-260°C	30060104
9"	0-250°F/-20-120°C	30090064
	50-500°F/10-260°C	30090104

Model 31 Bottom Connected 90° Angle

Stem Length	Temperature Range	3" Face Part #
2-1/2"	0-250°F/-20-120°C	31025064
4"	50-500°F/10-260°C	31040104

Model 50 Back Connected

Stem Length	Temperature Range	5" Face Part #
2-1/2"	50-500°F/10-260°C	50025104
4"	0-250°F/-20-120°C	50040064

Model 52 Adjustable Angle

Stem Length	Temperature Range	5" Face Part #
2-1/2"	0-250°F/-20-120°C	52025064
4"	0-250°F/-20-120°C	52040064
4"	50-500°F/10-260°C	52040104

