



Thermometers

Bi-Metal Thermometers

Model 30 Back Connected 3" Thermometers

Stem Length	Range	Part #	Price/E
2-1/2"	0-250°F/-20-120°C	30025064	\$86.00
2-1/2"	50-500°F/10-260°C	30025104	86.40
4"	0-250°F/-20-120°C	30040064	86.00
4"	50-500°F/10-260°C	30040104	86.40
6"	0-250°F/-20-120°C	30060064	86.40
6"	50-500°F/10-260°C	30060104	86.40
9"	0-250°F/-20-120°C	30090064	86.40
9"	50-500°F/10-260°C	30090104	86.40



Air Fittings D

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: A slotted-hex adjustment head offers screw-driver 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 (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.)

Standard Connection is 1/2" Male NPT.

Model 31 Bottom Connected 90° Angle 3" Thermometers

Stem Length	Range	Part #	Price/E
2-1/2"	0-250°F/-20-120°C	31025064	\$145.65
4"	50-500°F/10-260°C	31040104	145.65



Model 50 Back Connected 5" Thermometers

Stem Length	Range	Part #	Price/E
2-1/2"	50-500°F/10-260°C	50025104	\$127.05
4"	0-250°F/-20-120°C	50040064	127.05



Model 52 Adjustable Angle 5" Thermometers

Stem Length	Range	Part #	Price/E
2-1/2"	0-250°F/-20-120°C	52025064	\$198.10
4"	0-250°F/-20-120°C	52040064	198.10
4"	50-500°F/10-260°C	52040104	198.10



Magnetic Surface Mount Thermometers



2" Face

Range	Part #	Price/E
0-250°F	MT250	\$63.75
0-500°F	MT500	63.75

- case: steel, 2" x 1/2"
- dial: polished aluminum
- bi-metal element: responsive actuation by bi-metal helix
- accuracy: +/- 2%