

## 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
- 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
- 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 30 Back Connected 3" Face



Stem Length	Temperature Range	Part #	Price/E
2 1/2"	0-250°F/-20-120°C	<b>30025064</b>	<b>\$60.15</b>
2 1/2"	50-500°F/10-260°C	<b>30025104</b>	<b>60.15</b>
4"	0-250°F/-20-120°C	<b>30040064</b>	<b>60.15</b>
4"	50-500°F/10-260°C	<b>30040104</b>	<b>60.15</b>
6"	0-250°F/-20-120°C	<b>30060064</b>	<b>60.15</b>
6"	50-500°F/10-260°C	<b>30060104</b>	<b>60.15</b>
9"	0-250°F/-20-120°C	<b>30090064</b>	<b>60.15</b>
9"	50-500°F/10-260°C	<b>30090104</b>	<b>60.15</b>



### Model 31 Bottom Connected 90° Angle 3" Face

Stem Length	Temperature Range	Part #	Price/E
2 1/2"	0-250°F/-20-120°C	<b>31025064</b>	<b>\$119.70</b>
4"	50-500°F/10-260°C	<b>31040104</b>	<b>119.70</b>



### Model 50 Back Connected 5" Face

Stem Length	Temperature Range	Part #	Price/E
2 1/2"	50-500°F/10-260°C	<b>50025104</b>	<b>\$133.45</b>
4"	0-250°F/-20-120°C	<b>50040064</b>	<b>133.45</b>



### Model 52 Adjustable Angle 5" Face

Stem Length	Temperature Range	Part #	Price/E
2 1/2"	0-250°F/-20-120°C	<b>52025064</b>	<b>\$181.05</b>
4"	0-250°F/-20-120°C	<b>52040064</b>	<b>193.35</b>
4"	50-500°F/10-260°C	<b>52040104</b>	<b>193.35</b>