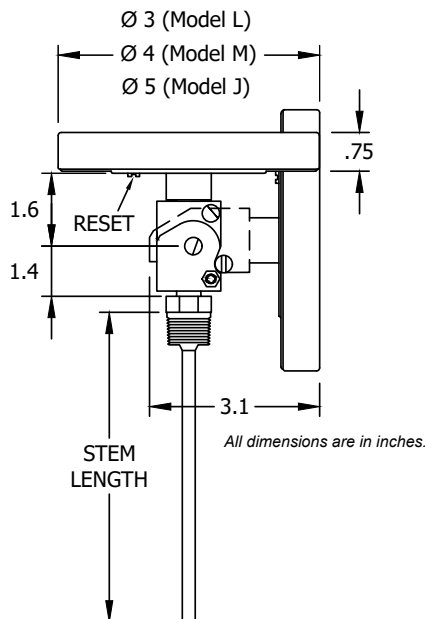


ADJUSTABLE ANGLE BIMETAL THERMOMETER

REOTEMP's Bimetal Thermometers are reliable and accurate temperature sensors requiring no electricity or wiring. Adjustable Angle Thermometers allow for easy temperature monitoring from any position and they are ideal for local indication. They can be recalibrated with a turn of the calibration screw on the back of the dial.



Fillable



Dials



Accuracy



Custom Logo



FEATURES / BENEFITS

- Heavy-Duty Process Grade Design
- Five Year Warranty
- Made in the USA
- Dial is Adjustable to Any Position for Easy Viewing
- Accuracy $\pm 1\%$ Full Scale. (ASME B40.3)
- Hermetically Sealed (ASME B40.3)
- Standard External Reset for Easy Calibration
- Silicone Fillable for Vibration

SPECIFICATIONS

Accuracy	$\pm 1\%$ Full Scale (ASME B40.3)
Dial Size	3", 4" or 5"
Dial Material	Black marks on satin matte aluminum finish, Hi-Vis™, or white dial
Stem Length	2" to 80"
Stem Diameter	1/4" (Standard), 3/8" or 5/16"
Head, Bezel, Mounting Bushing, Stems	300 Series SS, 316SS (Optional)
Operating Conditions	Head temperature should not exceed 200°F (150°F if silicone filled). Stem should not be exposed to continuous temperatures exceeding 50% over-range or 800°F (550°F if silicone filled).
Environmental Protection	IP67, NEMA 6 Rated (Hermetically sealed per ASME B40.3)
Lens	Glass (Standard), Acrylic, Polycarbonate, Laminated Safety Glass or Tempered Glass
Immersion	Minimum 2" in liquid, and 4" in gas for most ranges. Certain ranges require up to 4" in liquids & 5" in gas.
Mounting Connection	1/2" NPT (Standard), 1/4" NPT, 3/4" NPT, Plain Hex Bushing, or 1/2" BSPT
Temperature Sensing Area	Last 2" to 4" of the stem

ADJUSTABLE ANGLE BIMETAL THERMOMETER



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- ✓ Check Stock
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- ✓ Configure Part #
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HOW TO ORDER: Choose options to build a part number. For example: LL0251F23-SF

LL	025	1	F23	-SF
DIAL SIZE	STEM LENGTH	CONNECTION	TEMPERATURE RANGE	OPTIONS
<p>LL = 3" Dial w/ Reset MM = 4" Dial w/ Reset JJ = 5" Dial w/ Reset</p>	<p>025 = 2.5" 040 = 4" 060 = 6" 090 = 9" 120 = 12" 150 = 15" 180 = 18" 240 = 24" 300 = 30" 360 = 36"</p> <p>Note: Intermediate stem lengths available up to 80".</p> <p><i>Millimeter Stem Lengths</i> M???? = Use a code beginning in M to specify a mm stem length ex: 100mm = M0100</p>	<p>1 = 1/2" NPT 4 = 1/4" NPT 5 = 3/4" NPT Adapter X = Plain Unthreaded Hex Bushing U = 1/2" NPT Union</p>	<p><i>Fahrenheit Ranges</i> F23 = -40°F to 160°F F55 = 25°F to 125°F* F43 = 0°F to 200°F F47 = 0°F to 250°F F63 = 50°F to 300°F F67 = 50°F to 500°F F69 = 50°F to 550°F F81 = 150°F to 750°F F85 = 200°F to 1000°F</p> <p><i>Celsius Ranges</i> C23 = -40°C to 70°C C55 = 0°C to 50°C* C43 = 0°C to 100°C C4 = -20°C to 120°C C59 = 0°C to 150°C C67 = 0°C to 250°C C69 = 0°C to 300°C C73 = 0°C to 400°C C85 = 100°C to 500°C</p> <p><i>Dual Scale Ranges</i> D23 = -40°F to 160°F & -40°C to 70°C D55 = 25°F to 125°F & -5°C to 50°C* D43 = 0°F to 200°F & -10°C to 90°C D47 = 0°F to 250°F & -20°C to 120°C D63 = 50°F to 300°F & 10°C to 150°C D67 = 50°F to 500°F & 10°C to 260°C D69 = 50°F to 550°F & 10°C to 290°C D81 = 150°F to 750°F & 70°C to 400°C D85 = 200°F to 1000°F & 100°C to 500°C</p> <p>*Not available in 2.5" stem.</p> <p>For Additional Ranges See Master Range Code Sheet on Page 141</p>	<p><i>General Options</i> -3H = 316 SS Head and Bezel -PS = Pointed Stem -S3 = 3/8" diameter Stem -F5 = 5/16" diameter Stem (Not Available with 316SS Stem) -SF = Silicone Filled -SS = 316 Stainless Stem -WD = White Dial -HV = Hi-Vis™ Dial -NL = No Logo Dial -CB = Color Bands -PI = Color Pie -CL = Custom Logo Dial</p> <p><i>Window Options (Standard is Glass)</i> -MM = Min-Max Pointer (Plastic Lens) -PC = Acrylic Window -PY = Polycarbonate Window -TG = Tempered Glass Window -SG = Laminated Safety Glass</p> <p><i>Calibration Cert. Options</i> -R1 = One Point Calibration Cert (REOTEMP Chooses Points) -R3 = Three Point Calibration Cert (REOTEMP Chooses Points) -C1 = One Point Calibration Cert (Customer Chooses Points) -C3 = Three Point Calibration Cert (Customer Chooses Points)</p> <p><i>Tags and Accessories</i> -TS = Tag, Stainless -TP = Tag, Paper -AS = Adapts Bimet to 1-1/4-18 industrial socket -HT = Heat Transfer Compound</p> <p>For Additional Options See Page 139 For Thermowells See Pages 160-166</p>

Note: Thermowells should be used whenever the stem or bulb would be exposed to pressure, corrosion, velocity, abrasion or shear forces. Thermowells also make it possible to remove the thermometer without losing pressure or the contents of the process.