

ADJUSTABLE ANGLE BIMEAL 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. A variety of options are available for your specific process needs.

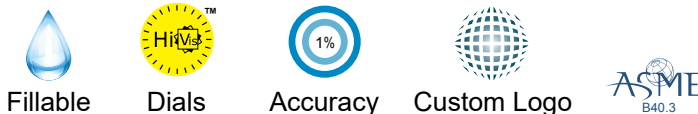


Standard Delivery 3-5 Days

Thermowell Recommended
(Available through Reotemp)



Made in the USA



FEATURES / BENEFITS

- Dial can be adjusted to any position for easy viewing
- Made to ASME B40.3 Specifications
- Accuracy $\pm 1\%$ Full Scale. (ASME B40.3)
- All Stainless Steel Construction
- Hermetically Sealed (ASME B40.3)
- Silicone Fillable for Vibration
- Standard External Reset for Easy Calibration
- OEM Logo Dials/Custom Dials
- Five Year Warranty

SPECIFICATIONS

ACCURACY: $\pm 1\%$ Full Scale (ASME B40.3)

DIAL SIZE: 3", 4" or 5"

DIAL MATERIAL: Anodized aluminum with black marks on satin matte finish background; White or Hi-Vis™ background available.

STEM LENGTH: 2" to 80"

STEM DIAMETER: 1/4" (Standard)

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).

CASE RATING: IP67, NEMA 6 Rated (Hermetically sealed per ASME B40.3)

LENS: Glass (Standard), Acrylic, Polycarbonate, Tempered Glass, Laminated Safety 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, 1/2" BSPT, 1/2" NPT Union, Sanitary Tri-Clamp®

TEMPERATURE SENSING AREA: Last 2" to 4" of the stem

ADJUSTABLE ANGLE BIMEAL THERMOMETER



Visit reotemp.com

- ✓ Check Stock
- ✓ Get Price
- ✓ Configure Part #
- ✓ Generate a Custom Engineering Drawing

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	CASE FILL

LL = 3" Dial w/ Reset
MM = 4" Dial w/ Reset
JJ = 5" Dial w/ Reset

025 = 2.5"
040 = 4"
060 = 6"
090 = 9"
120 = 12"
150 = 15"
180 = 18"
240 = 24"
300 = 30"
360 = 36"

Note: Intermediate stem lengths available up to 80".

1 = 1/2" NPT
4 = 1/4" NPT
5 = 3/4" NPT Adapter
X = Plain Unthreaded Hex Bushing
U = 1/2" NPT Union

Sanitary
C = 1.5" Tri-Clamp®
L = 2" Tri-Clamp®
A = 2.5" Tri-Clamp®
P = 3" Tri-Clamp®
M = 3/4" Tri-Clamp®

See Master Range Code Sheet on Page 42

Fahrenheit Ranges
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

Celsius Ranges
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

Dual Scale Ranges
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 & -20°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

*Not available in 2.5" stem.

General Options (Choose up to 4)
-3H = 316 SS Head and Bezel
-PS = Pointed Stem
-S3 = 3/8" diameter Stem
-SF = Silicone Filled
-SS = 316 Stainless Steel
-WD = White Dial (std. ranges only)
-HV = Hi-Vis™ Dial (High Visibility)
-NL = No Logo Dial
-CB = Color Bands
-F5 = 5/16" diameter Stem
-PI = Color Pie (specify color and range)

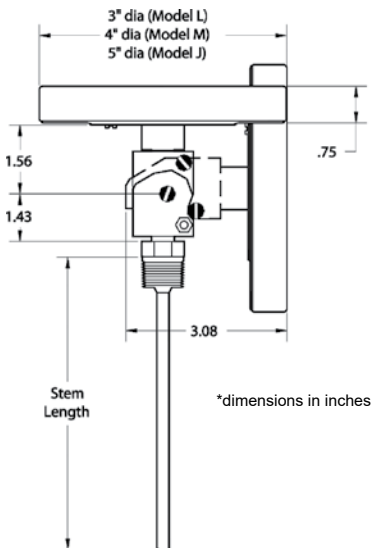
Custom Logo Dial Available, Contact Customer Service.

Window Options (Std. is glass)
-MM = Min-Max Pointer (Plastic Lens)
-PC = Acrylic Window
-PY = Polycarbonate Window
-TG = Tempered Glass Window
-SG = Laminated Safety Glass

Calibration Cert. Options
-R1 = One Point Calibration Cert
-R3 = Three Point Calibration Cert

Tags and Accessories (up to 2)
-TS = TAG, Stainless
-TP = TAG, Paper
-AS = Adapts Bimet to 1-1/4-18 industrial socket
-HT = Heat Transfer Compound

For Thermowells, see pages 34-37.



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.