

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



Fillable

HiVisTM

Dials



1% Accuracy



Custom Logos

FEATURES / BENEFITS

- 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
- HiVisTM Dials Available
- Dial can be adjusted to any position for easy viewing.

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 & HiVis background available.

STEM LENGTH: 2" to 80"

STEM DIAMETER: 1/4" (std)

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.

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

LENS: Glass (std), Acrylic, Polycarbonate, 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 (std), 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



Made in the USA

Standard Delivery 3-5 Days

Thermowell Recommended
(available through Reotemp)

Adjustable Angle Bimetal Thermometer



HOW TO ORDER

LL

025

1

F23

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SF

Model:	Stem Length:	Connection:	Temperature Range:	Accessories:
LL MM = 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"	1 = 1/2" NPT 4 = 1/4" NPT 5 = 3/4" NPT Adapter U = 1/2" NPT Union X = Plain Unthreaded Hex Bushing Sanitary: C = 1.5" Tri-Clamp L = 2" Tri-Clamp A = 2.5" Tri-Clamp P = 3" Tri-Clamp M = 3/4" Tri-Clamp	Common Ranges: <u>Fahrenheit Ranges</u> 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 <u>Celsius Ranges</u> C23 = -40°C to 70°C *C55 = 0°C to 50°C C43 = 0°C to 100°C C47 = -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 °F/°C 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 & -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 F81 = 150°F to 750°F & 70°C to 400°C F85 = 200°F to 1000°F & 100°C to 500°C	Accessories: HV = Hi-Vis Dial PS = Pointed Stem SF = Silicone Fill (Max. Temp. 550°F) SS = 316SS Stem S3 = 3/8" diameter Stem F5 = 5/16" diameter Stem PC = Acrylic Window PY = Polycarbonate Window TG = Tempered Glass Window MM = Max./Min. Pointer HT = Heat Transfer Compound (2 oz., 1 lb container) CC = Certificate of Conformance C1 = 1 pt. Calibration Certificate C3 = 3 pt. Calibration Certificate For Thermowells, see pages 34-37.

