

Small Dial Bimetal Thermometer

REOTEMP's Bimetal Thermometers are reliable and accurate temperature sensors requiring no electricity or wiring. The O-Temp line is designed for OEM applications in a variety of industrial applications where a more economical option is needed. Small Dial Back Connect Thermometers are small enough to be carried around easily. They can be used in a variety of markets including Food, Beverage, Laboratory, Agriculture, Chemical, and Household.



O-TEMP

Quality OEM Thermometers
from REOTEMP Instruments



Fillable



Custom Logos

RoHS
compliant

FEATURES / BENEFITS

- RoHS Compliant
- Accuracy $\pm 1.5\%$ Full Scale
- All Stainless Steel Construction
- Hermetically Sealed (ASME B40.3)
- Silicone Fillable for Vibration
- Standard and Custom Stem Lengths
- External Reset for Calibration (Hex Reset Bushing Only)
- One Year Warranty

SPECIFICATIONS

ACCURACY: $\pm 1.5\%$ Full Scale (ASME B40.3)

DIAL SIZE: 1" (25mm), 2" (50mm)

DIAL MATERIAL: White background with black marks. Anodized Aluminum satin matte finish background available. Plastic on model OO

STEM LENGTH: 2" to 36"

STEM DIAMETER: 3.8 mm

HEAD, BEZEL, MOUNTING BUSHING, STEMS: 304SS

BEZEL FINISH: Satin

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.

TEMPERATURE RANGES: See next page for complete list of ranges.

CASE RATING: IP65 (Hermetically sealed per ASME B40.3)

LENS: Polycarbonate (std) Glass available on model NO, UO.

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: Plain Bushing (std), 1/4" NPT, 1/8" NPT, Hex Reset Bushing

SLEEVE: ABS, various colors (not available on 2" dials)

Small Back Connect Bimetal Thermometer

HOW TO ORDER

OO

025

1

F23

WD

<p>Standard Model:</p> <p>NO* = 1" Dial w/ Reset UO* = 2" Dial w/ Reset</p> <p>* Glass lens available.</p>	<p>Stem Length:</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>Intermediate stem lengths available up to 36".</p>	<p>Connection:</p> <p>X = Plain Bushing (std) 4 = 1/4" NPT 6 = 1/8" NPT 8 = Hex Reset Bushing</p>	<p>Temperature Range:</p> <p>Common Ranges:</p> <p><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</p> <p><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</p> <p><u>Dual °F/°C Ranges</u> 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</p> <p>* Not available in 2.5" stem.</p> <p>See inside back cover of Temperature Catalog for complete list of ranges.</p>	<p>Accessories:</p> <p>WD = White Dial GL = Glass Lens PS = Pointed Stem CL = Customer Logo PI = Color Pie CB = Color Band CP = Pan Clip (1 3/4" & 2" dial only) NL = No Logo WP = Weep Hole at Bottom of Dial SL* = Green Plastic Sleeve SR* = Red Plastic Sleeve</p> <p>* Call for other sleeve colors.</p>
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