

SMALL DIAL INDUSTRIAL THERMOMETERS

Reotemp's Small Dial Industrial Thermometers are reliable and accurate temperature sensors requiring no electricity or wiring. These thermometers are designed for OEM applications in a variety of industrial applications where a more economical option is needed. They can be used in a variety of markets including Food, Beverage, Laboratory, Agriculture, Chemical, and Household.



Fillable



Custom Logo

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	$\pm 1\%$ 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.
Case Rating	IP65 (Hermetically Sealed per ASME B40.3)
Lens	Polycarbonate (Standard) Glass Available on Model NO,UO.
Immersion	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 (Standard), 1/4" NPT, 1/8" NPT, Hex Reset Bushing
Sleeve	ABS, Various Colors (Not Available on 2" Dials)

SMALL DIAL INDUSTRIAL THERMOMETERS



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: **UO025XF23-WD**

UO	025	X	F23	-WD
MODELS	STEM LENGTH	CONNECTION	TEMPERATURE RANGE	ACCESSORIES
<p><i>Standard Models</i></p> <p>NO* = 1" Dial w/ Reset</p> <p>UO* = 2" Dial w/ Reset</p> <p>*Glass Lens Available</p>	<p>025 = 2.5"</p> <p>040 = 4"</p> <p>060 = 6"</p> <p>090 = 9"</p> <p>120 = 12"</p> <p>150 = 15"</p> <p>180 = 18"</p> <p>240 = 24"</p> <p>300 = 30"</p> <p>360 = 36"</p> <p>Note: Intermediate Stem Lengths Available up to 36".</p>	<p>X = Plain Bushing (std)</p> <p>4 = 1/4" NPT</p> <p>6 = 1/8" NPT</p> <p>8 = Hex Reset Bushing</p>	<p><i>Fahrenheit Ranges</i></p> <p>F23 = -40°F to 160°F</p> <p>F55 = 25°F to 125°F*</p> <p>F43 = 0°F to 200°F</p> <p>F47 = 0°F to 250°F</p> <p>F63 = 50°F to 300°F</p> <p>F67 = 50°F to 500°F</p> <p>F69 = 50°F to 550°F</p> <p>F81 = 150°F to 750°F</p> <p>F85 = 200°F to 1000°F</p> <p><i>Dual Scale Ranges</i></p> <p>D23 = -40°F to 160°F & -40°C to 70°C</p> <p>D55* = 25°F to 125°F & -5°C to 50°C*</p> <p>D43 = 0°F to 200°F & -10°C to 90°C</p> <p>D47 = 0°F to 250°F & -20°C to 120°C</p> <p>D63 = 50°F to 300°F & 10°C to 150°C</p> <p>D67 = 50°F to 500°F & 10°C to 260°C</p> <p>D69 = 50°F to 550°F & 10°C to 290°C</p> <p>F81 = 150°F to 750°F & 70°C to 400°C</p> <p>F85 = 200°F to 1000°F & 100°C to 500°C</p> <p>*Not Available in 2.5" Stem.</p> <p>Note: For Additional Dial Sizes, Connections, and Temperature Ranges, Contact Sales for More Information</p>	<p><i>Celsius Ranges</i></p> <p>C23 = -40°C to 70°C</p> <p>C55 = 0°C to 50°C*</p> <p>C43 = 0°C to 100°C</p> <p>C47 = -20°C to 120°C</p> <p>C59 = 0°C to 150°C</p> <p>C67 = 0°C to 250°C</p> <p>C69 = 0°C to 300°C</p> <p>C73 = 0°C to 400°C</p> <p>C85 = 100°C to 500°C</p> <p><i>General Options (Choose up to 4)</i></p> <p>-WD = White Dial</p> <p>-GL = Glass Lens</p> <p>-CL = Custom Logo</p> <p>-PI = Color Pie</p> <p>-CB = Color Band</p> <p>-CP = Pan Clip (1 3/4" & 2" Dial Only)</p> <p>-NL = No Logo</p> <p>-WP = Weep Hole at Bottom of Dial</p>