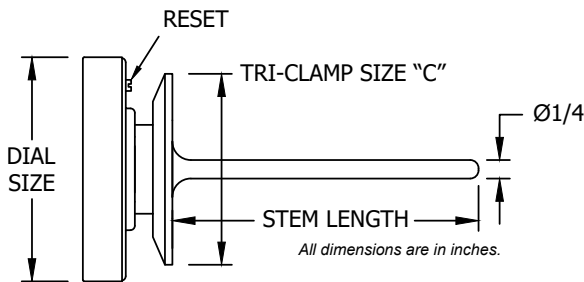
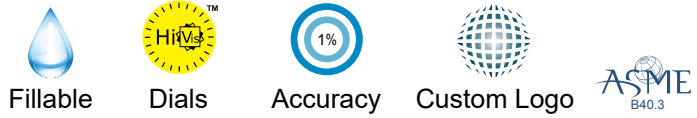


SANITARY BIMETAL THERMOMETER

REOTEMP's Sanitary Bimetal Thermometers are specially designed for direct insertion into sanitary process applications when a standard thermowell is not specified or the process environment is not exposed to pressure. Sanitary thermometers are ideal for the food, beverage and pharmaceutical industries.



Sanitary Flange Size	Diameter in Inches "C"
3/4"	.98"
1"	2"
1.5"	2"
2"	2.5"
2.5"	3"
3"	3.6"

FEATURES / BENEFITS

- Made in the USA
- 3-A Conformance Certificate Included
- Accuracy $\pm 1\%$ Full Scale. (ASME B40.3)
- Hermetically Sealed (ASME B40.3)
- Standard External Reset
- Tri-Clamp® Design for Fast Installation and Removal
- 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), or 3/8"
Head, Bezel, Mounting Bushing	300 Series SS, or 316SS (Optional)
Stem & Tri-Clamp	316SS
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	Polycarbonate(Standard), Glass, Acrylic, 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	Sanitary Tri-Clamp®
Temperature Sensing Area	Last 2" to 4" of the stem

SANITARY BIMETAL 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: **XR025CF23-SF**

XR			025			C			F23			-SF																	
DIAL SIZE			STEM LENGTH			CONNECTION			TEMPERATURE RANGE			OPTIONS																	
<i>Standard Model with Reset</i>			025 = 2.5"			<i>Sanitary</i>			<i>Fahrenheit Ranges</i>			<i>General Options</i>																	
Dial Size	3"	4"	5"	040 = 4"	060 = 6"	C = 1.5" Tri-Clamp®	L = 2" Tri-Clamp®	A = 2.5" Tri-Clamp®	P = 3" Tri-Clamp®	M = 3/4" Tri-Clamp®	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	-3H = 316 SS Head and Bezel	-PS = Pointed Stem	-S3 = 3/8" diameter Stem	-SF = Silicone Filled	-WD = White Dial	-HV = Hi-Vis™ Dial	-NL = No Logo Dial	-CB = Color Bands	-PI = Color Pie	-CL = Custom Logo Dial
Back Connect	AA	CC	BB	090 = 9"	120 = 12"	Other sanitary flanges available.			<i>Celsius Ranges</i>			<i>Window Options (Standard is Glass)</i>																	
Adjustable Angle	LL	MM	JJ	150 = 15"	180 = 18"				C23 = -40°C to 70°C			-MM = Min-Max Pointer (Plastic Lens)																	
Bottom Connect	XR	YY	VR	240 = 24"	300 = 30"				C55 = 0°C to 50°C*			-PC = Acrylic Window																	
<i>Non-Reset Model</i>			360 = 36"						C4 = -20°C to 120°C			-PY = Polycarbonate Window																	
Dial Size	3"	4"	5"	Note: Intermediate stem lengths available up to 80".						C59 = 0°C to 250°C			-TG = Tempered Glass Window																
Back Connect	RR	CN	SS	<i>Millimeter Stem Lengths</i>						C69 = 0°C to 300°C			-SG = Laminated Safety Glass																
Bottom Connect	XX	YN	VN	M???? = Use a code beginning in M to specify a mm stem length ex: 100mm = M0100						C73 = 0°C to 400°C			<i>Calibration Cert. Options</i>																
									C85 = 100°C to 500°C			-R1 = One Point Calibration Cert (REOTEMP Chooses Points)																	
									<i>Dual Scale Ranges</i>			-R3 = Three Point Calibration Cert (REOTEMP Chooses Points)																	
									D23 = -40°F to 160°F & -40°C to 70°C			-C1 = One Point Calibration Cert (Customer Chooses Points)																	
									D55 = 25°F to 125°F & -5°C to 50°C*			-C3 = Three Point Calibration Cert (Customer Chooses Points)																	
									D43 = 0°F to 200°F & -10°C to 90°C			<i>Tags and Accessories</i>																	
									D47 = 0°F to 250°F & -20°C to 120°C			-TS = Tag, Stainless																	
									D63 = 50°F to 300°F & 10°C to 150°C			-TP = Tag, Paper																	
									D67 = 50°F to 500°F & 10°C to 260°C			-AS = Adapts Bimet to 1-1/4-18 industrial socket																	
									D69 = 50°F to 550°F & 10°C to 290°C			-HT = Heat Transfer Compound																	
									D81 = 150°F to 750°F & 70°C to 400°C			<i>For Additional Options See Page 139</i>																	
									D85 = 200°F to 1000°F & 100°C to 500°C			<i>For Thermowells See Pages 160-166</i>																	
									*Not available in 2.5" stem.																				
									<i>For Additional Ranges See Master Range Code Sheet on Page 141</i>																				

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.

Tri-Clamp® is a registered trademark of Alpha Laval Inc.