

DialTemp™ Bi-Metal Thermometer

Models J and L†



Model J
2½, 4 and 6"
Lengths

Shown smaller than actual size.

Model L
2½, 4 and 6"
Lengths

- ✓ Head May Be Tilt-Adjusted Through a Full 90° Angle
- ✓ All Stainless Steel Welded Construction
- ✓ External Recalibration
- ✓ Rust and Corrosion-Proof, Leakproof, Hermetically Sealed

- ✓ Sensitive Bi-Metal Element Silicone Dampened for Minimum Pointer Vibration and Maximum Heat Transfer
- ✓ Accuracy—1% of Range
- ✓ Use of Thermowell Is Recommended for Pressure Applications
- ✓ Overrange Protection—50% Up to 500°F

To order J and L, specify*:

Model - Range - Stem Length - Mounting

Ordering Examples: J-50-300F-2½/2-1/2, model J with 50 to 300°F range, 2½" stem and ½" NPT bushing.

J-0-150F-9-1/2, model J with 0 to 150°C range, 9" stem and ½" NPT mounting.

L-25-125F-4-1/2, model L with 25 to 125°F range, 4" stem and ½" NPT mounting.

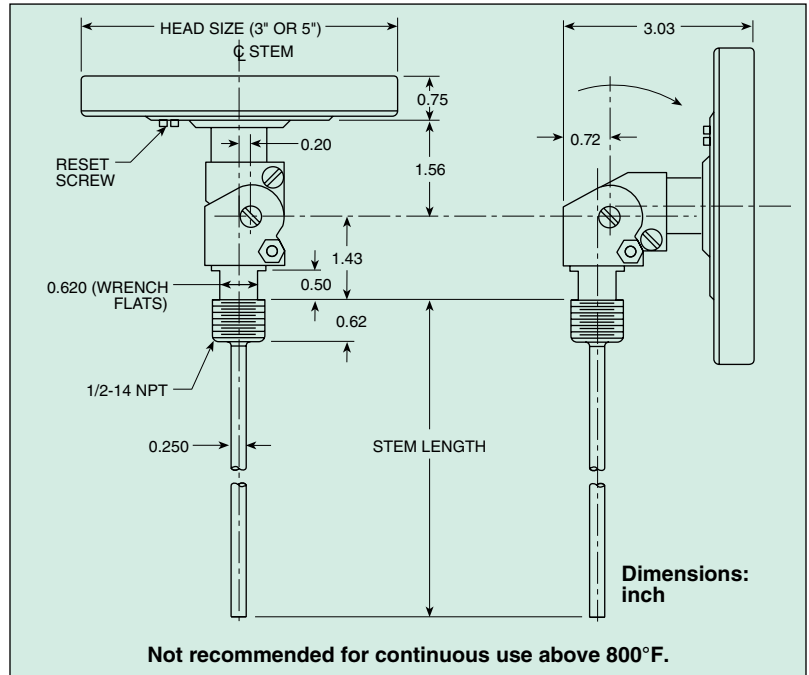
* For stem lengths, pricing, see omega.com

† Model J has a 5" diameter head. If a 3" diameter head is required, contact Sales department for model L.

The model J DialTemp™ bi-metal thermometer features a swivel neck which allows the large 5" dial to be set at any angle within its full 90° tilt range. In addition, the head can also be turned through a full 360° range. The extent of the tilt and rotational adjustment are shown in the diagram below. This feature solves many problems, and improves dial readability for many installations. With the model J, readability is simple—just set the head angle to the position where the user can see it best.

These rugged thermometers are manufactured from stainless steel welded construction. The ¼" diameter probe is supplied with a ½" NPT fitting, making model J thermometers compatible with standard thermowell designs.

For available stem lengths, see omega.com. For custom stem lengths, consult Sales Department.



Ranges and °Divisions

Fahrenheit		Celsius		Dual Range			
Range	Div.	Range	Div.	°F	Div.	°C	Div.
-100 to 100°F	2°	-50 to 200°C	2°	-50 to 210°F	5°	-50 to 100°C	2°
-80 to 120°F	2°	-50 to 100°C	2°	-100 to 100°F	2°	-70 to 40°C	1°
-40 to 160°F	2°	-50 to 50°C	1°	*25 to 125°F	1°	-5 to 50°C	1°
-20 to 120°F	2°	-40 to 70°C	1°	-40 to 160°F	2°	-40 to 70°C	1°
*0 to 100°F	1°	-40 to 160°C	2°	0 to 200°F	2°	-10 to 90°C	1°
*25 to 125°F	1°	*-30 to 30°C	1°	0 to 250°F	2°	-20 to 120°C	2°
0 to 140°F	2°	-20 to 120°C	2°	50 to 300°F	2°	10 to 150°C	2°
0 to 150°F	1°	-10 to 110°C	1°	50 to 500°F	5°	10 to 260°C	5°
0 to 200°F	2°	*0 to 50°C	½°	50 to 550°F	5°	10 to 290°C	5°
0 to 220°F	2°	0 to 100°C	1°	150 to 750°F	10°	70 to 400°C	5°
0 to 250°F	2°	0 to 150°C	1°	200 to 1000°F	10°	100 to 500°C	5°
0 to 300°F	2°	0 to 200°C	2°	0 to 150°F	1°	-20 to 70°C	1°
20 to 240°F	2°	0 to 300°C	2°	20 to 240°F	2°	-10 to 115°C	2°
-50 to 300°F	5°	0 to 400°C	5°	50 to 400°F	5°	10 to 200°C	5°
50 to 300°F	5°	100 to 500°C	5°				
50 to 400°F	5°	-80 to 220°C	2°				
50 to 500°F	5°	-20 to 220°C	2°				
50 to 750°F	10°	*0 to 30°C	½°				
100 to 800°F	10°	*0 to 60°C	1°				
150 to 750°F	10°	0 to 250°C	2°				
200 to 1000°F	10°	50 to 450°C	5°				
-100 to 200°F	2°	100 to 550°C	5°				
-70 to 150°F	2°						
200 to 300°F	2°						
300 to 400°F	2°						

*Minimum Stem Length 4"