

Rear Connection Bimetal Thermometer



3" & 5" Dial Sizes
 ±1.0% Accuracy
 Stainless Steel Case & Stem
 External Reset

The Trerice Rear Connection Bimetal Thermometer has been designed to meet the needs of standard industrial applications and installations. This instrument features a stainless steel, hermetically sealed case, providing weather tight protection.

Optional features are also available. Please consult the Options Section for details.

For corrosive or pressure applications, use of a thermowell is recommended to prevent damage to the thermometer and facilitate its removal from the process. For correct use and application of all bimetallic thermometers, please refer to Bimetallic Actuated Thermometer Standard ASME B40.3.

B85204 pictured

Specifications

Models B83200, B85200 Size B83200: 3" B85200: 5" Case 300 stainless steel, hermetically sealed	Stem 300 stainless steel, 1/4" diameter Coil Bimetallic, silicone dampened on ranges to 300°F (148°C), above 300°F not dampened Connection Rear, 1/2 NPT	Window Double strength glass Pointer Balanced, black finished Dialface Aluminum, white background with black and blue graduations and markings External Reset Yes	Accuracy ±1.0% Full Scale ASME B40.3 Grade A Approximate Shipping Weight B83200: 0.7 lbs [0.31 kg] B85200: 1.2 lbs [0.54 kg]
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How to Order

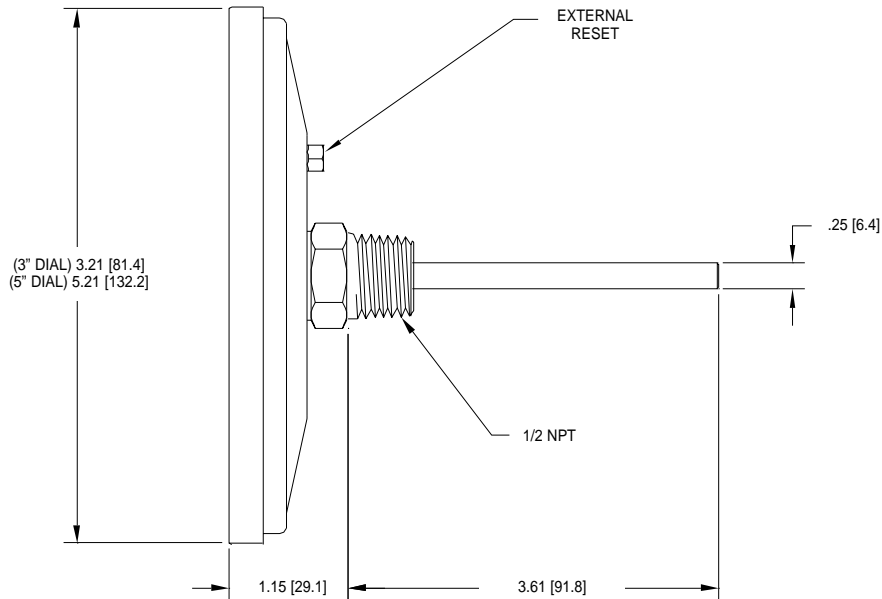
Sample Order Number B8320206
 B832 02 06

Model	Stem Length	Range Code
B832	02 2 1/2" Stem	See Standard
B852	04 4" Stem	Available Ranges (over)
	06 6" Stem	
	09 9" Stem	
	12 12" Stem	
	15 15" Stem	
	18 18" Stem	
	24 24" Stem	

Other: Specify Length in Inches (72" Maximum)

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All dimensions are nominal.
Dimensions in [] are in millimeters.



Standard Available Ranges

Dual Scale Ranges		Fahrenheit Only Ranges		Celsius Only Ranges		Fahrenheit		Celsius	
Range Code	Range	Range Code	Range	Range Code	Range	Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
01	-100° to 100°F & -75° to 40°C	01F	-100° to 100°F	01C	-75° to 40°C	20°	2°	10°	1°
02	-40° to 160°F & -40° to 70°C	02F	-40° to 160°F	02C	-40° to 70°C	20°	2°	10°	1°
03	25° to 125°F & -5° to 50°C	03F	25° to 125°F	03C	-5° to 50°C	10°	1°	5°	1/2°
04	0° to 200°F & -20° to 95°C	04F	0° to 200°F	04C	-20° to 95°C	20°	2°	10°	1°
05	20° to 240°F & -10° to 115°C	05F	20° to 240°F	05C	-10° to 115°C	20°	2°	10°	1°
27	0° to 250°F & -20° to 120°C	27F	0° to 250°F	27C	-20° to 120°C	50°	2°	20°	2°
06	50° to 300°F & 10° to 150°C	06F	50° to 300°F	06C	10° to 150°C	50°	2°	20°	2°
07	50° to 400°F & 10° to 200°C	07F	50° to 400°F	07C	10° to 200°C	50°	5°	50°	2°
08	50° to 500°F & 10° to 260°C	08F	50° to 500°F	08C	10° to 260°C	50°	5°	50°	2°
09*	150° to 750°F & 50° to 400°C	09F*	150° to 750°F	09C*	50° to 400°C	100°	10°	50°	5°
10*	200° to 1000°F & 100° to 550°C	10F*	200° to 1000°F	10C*	100° to 550°C	100°	10°	100°	5°

*Minimum stem length for these ranges is 4".