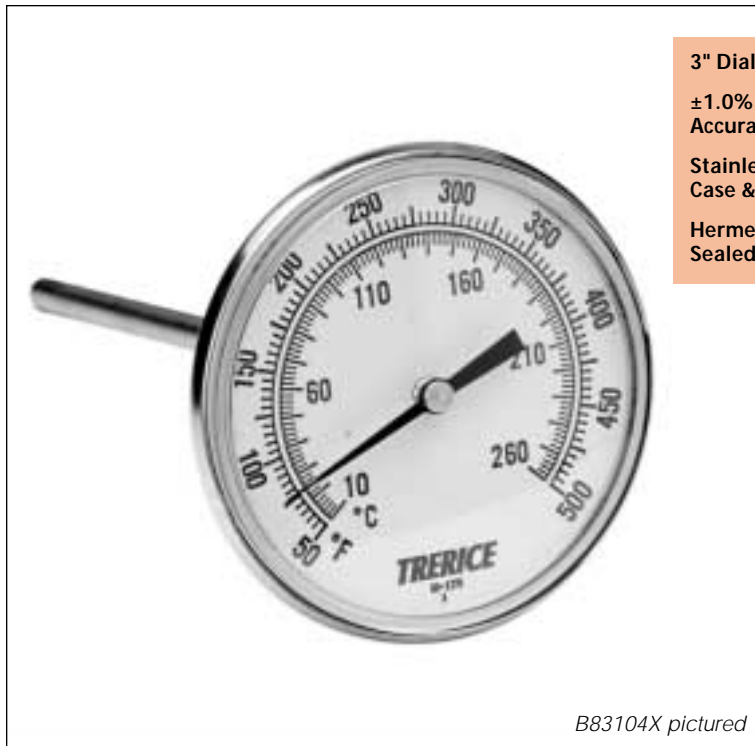


"X" Series OEM Bimetal Thermometer

Rear Connection



B83104X pictured

3" Dial Size

±1.0% Accuracy

Stainless Steel Case & Stem

Hermetically Sealed Design

The "X" Series OEM Bimetal Thermometer is designed to meet the demands of the OEM and industrial marketplace, at an economical price. It features a hermetically sealed case with a narrow, space saving profile. This instrument does not include an external reset, ensuring tamperproof operation throughout the life of the unit.

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

For applications where the process media may be corrosive or contained under pressure, the use of a thermowell is required to prevent damage to the thermometer stem 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.

Specifications

Models B83100X	Stem 300 stainless steel, 1/4" diameter	Window Polycarbonate	External Reset No
Size 3"	Coil Bimetallic, silicone dampened on ranges to 300°F (148°C), above 300°F not dampened	Pointer Balanced, black finished	Accuracy ±1.0% Full Scale ASME B40.3 Grade A
Case 300 stainless steel, hermetically sealed	Connection Rear, 1/2 NPT	Dialface Aluminum, white background with black and blue graduations and markings	Approximate Shipping Weight 0.5 lbs [0.22 kg]

How to Order

Sample Order Number B83104X05
B831 4 X 05

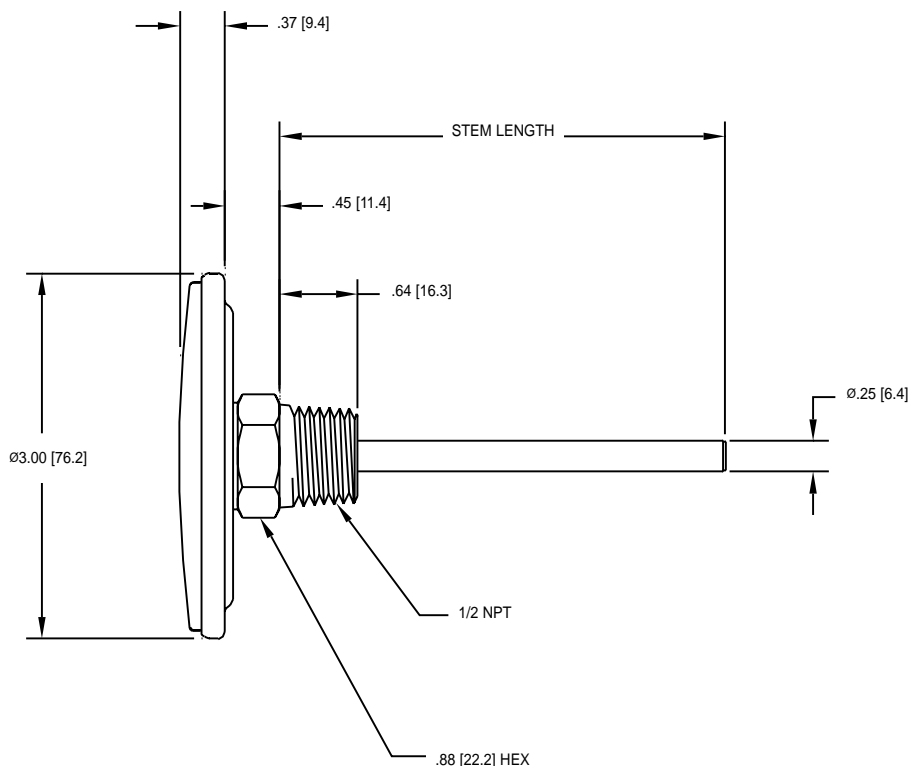
Model	Stem Length	Series	Range Code
B831	02 2 1/2" Stem	X OEM	See Standard Available Ranges (over)
	04 4" Stem		
	06 6" Stem		
	09 9" Stem		
	12 12" Stem		
	15 15" Stem		
	18 18" Stem		
24 24" Stem			

Other: Specify Length in Inches (72" maximum)

"X" Series OEM Bimetal Thermometer

Rear Connection

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 205°C	07F	50° to 400°F	07C	10° to 205°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°