Rear Connect X-Series



B831X04 shown

The Trerice X-Series OEM **Bimetal Thermometer** is designed to meet the demands of the OEM and industrial marketplace, but 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 available: Please consult the Options & Accessories 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 (refer to pages 155-161). For correct use and application of all Bimetallic thermometers, please refer to the Bimetallic **Actuated Thermometer Standard ASME B40.3.**

HOW TO ORDER

Model Stem Length Range Code B831X 21/2" Stem See Standard 02 04 4" Stem Ranges 06 6" Stem 09 Stem 12 Stem 15" 15 Stem 18" 18 Stem 24" Stem

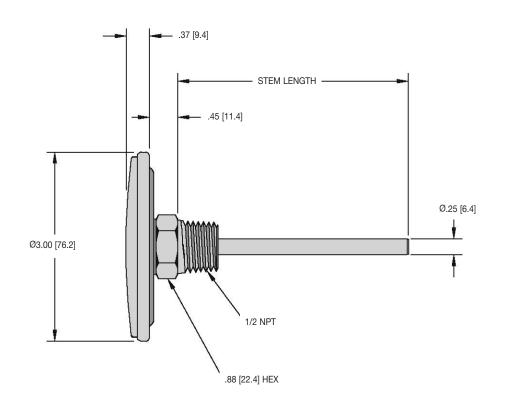
Other lengths available: Specify in inches (72" maximum)

Model	Dial Size 3"				
B831X					
Case	300 stainless steel, hermetically sealed				
Stem	300 stainless steel 1/4" diameter				
Coil	Bimetallic, silicone dampened ranges to 300°F (148°F), above 300°F not dampened				
Connection	Rear 1/2 NPT				
Window	Polycarbonate				
Pointer	Balanced, black finished				
Dial Face	Aluminum, white background with black and blue graduations and markings				
External Res	set No				
Accuracy	±1.0 % Full Scale ASME B40.3 Grade A				

B831X: 0.5 lbs [0.22 kg]

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



Standard Ranges

Dual Scale (Fahrenheit & Celsius Range)		Fahrenheit Only Range		Celsius Only Range		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°
12* [†]	0° to 100°F & -20° to 40°C	12F* [†]	0° to 100°F	12C* [†]	–20° to 40°C	10°	1°	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°

^{*} Minimum stem length for these ranges is 4".



[†] Minimum insertion length for these ranges is 3".