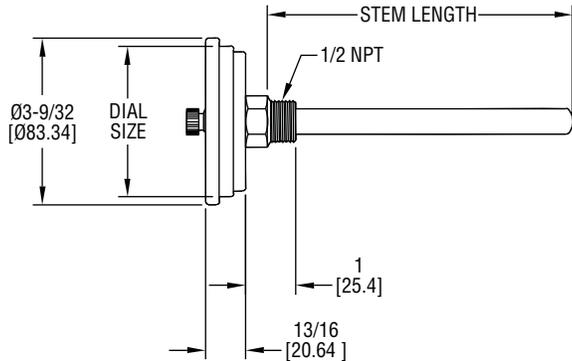
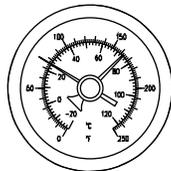




Series BTM3 Maximum/Minimum Bimetal Thermometer

Specifications - Installation and Operating Instructions



The Series BTM3 Maximum/Minimum Bimetal Thermometer accurately measures the current temperature along with the maximum or minimum temperatures. The adjustment knob is used to reset the minimum or maximum temperature to the current reading. Series BTM3 thermometers are conveniently available in multiple temperature ranges and stem lengths ranging from 2-1/2 to 12 inches. These heavy duty back-connected thermometers are ideal for any industrial application such as boilers, ovens, or refrigerated cabinets.

SPECIFICATIONS

Wetted Materials: 304 SS.

Lens: Scratch resistant glass.

Accuracy: $\pm 1\%$.

Ambient Operating Temperature: 15 to 300°F (-10 to 150°C).

Dial Size: 3"

Connection: 1/2" NPT.

Resolution: 2°.

Weight: 7.4 oz (210 g).

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AMBIENT TEMPERATURE ADJUSTMENT

(All reset adjustments must be done using an adequately agitated temperature bath operating at a known temperature. Instruments used to monitor such a bath require a greater accuracy than the thermometer being adjusted.)

The Series BTM3 is equipped with an external reset adjustment. To make an adjustment, use a flathead screwdriver or a small wrench to turn the slotted hexagonal adjustment on the back of the case. Do this until the temperature pointer reads the appropriate temperature on the dial.

OPERATION

To obtain a minimum or maximum temperature reading on the Series BTM3, simply turn the knob on the center of the dial in the indicated direction to move the red pointer to the current temperature (black pointer). If the red pointer is above the black pointer, the red pointer displays the maximum temperature. If the red pointer is below the black pointer, the red pointer displays the minimum temperature.

MAINTENANCE

Upon final installation of the Series BTM3 Bimetal Thermometer with Maximum/Minimum Temperature Pointer, no routine maintenance is required. A periodic check of the system calibration is recommended. The Series BTM3 is not field serviceable and should be returned if repair is needed (field repair should not be attempted and may void warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a return goods authorization number before shipping.