

Adjustable-Angle Bimetal Thermometer Installation and Adjustment Instructions

Swagelok®



Installation

- Handle the thermometer by the case or process connection when removing from the packaging.
- Install thermowell into system first, when applicable. Apply system compatible thread sealant/lubricant to the thermometer process connection. Insert thermometer stem into thermowell (or system). Tighten thermometer with open-ended wrench on flats of process connection until wrench-tight. Continue to tighten until scale is in desired position.
- Ensure two to three inches (five to eight centimeters) of the free end of the thermometer stem will be exposed to the average system temperature.

Adjustment

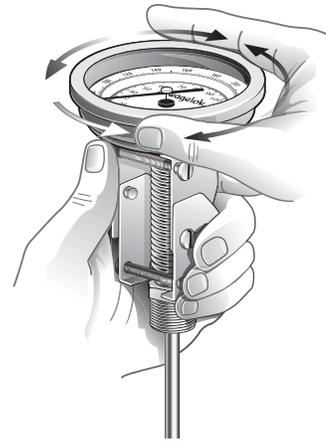
Resetting the Thermometer

Note: Proper temperature should be calibrated using a calibration bath or dry block tester.

Using an open-ended wrench or screwdriver, turn the “Reset” screw on the back of the case until the pointer reads the proper temperature.

Rotating the Case Assembly

Note: This operation should be performed only during installation or with the thermometer removed from the system.

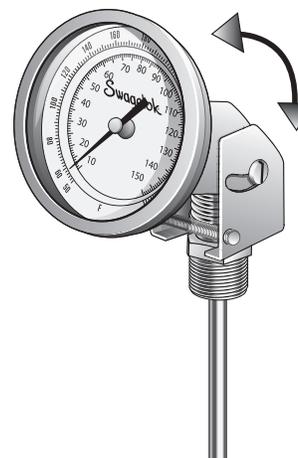
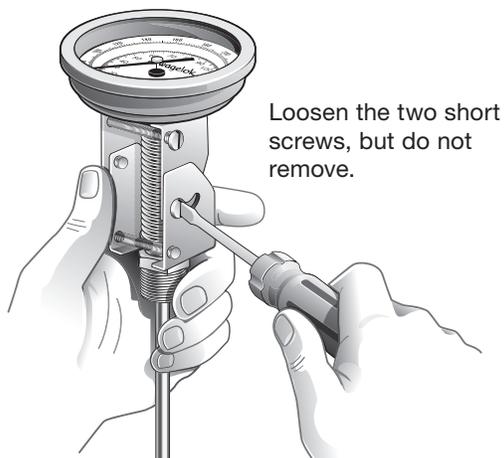


Rotate case/stem assembly to the desired position. Tighten both long screws.

Note: If screws do come out of the bracket, twist the thermometer towards the back of the bracket until there is a click. Then thread the screws into the bracket and tighten.

Adjusting the Case Angle

Note: This operation should be performed only during installation or with the thermometer removed from the system.



Bend case assembly to desired position. Tighten both short screws.