

# Back Connect Bimetal Thermometer

**Brand:** Reotemp



## Short Description

Reotemp's Bimetal Thermometers offer dependable and precise temperature monitoring without the need for electricity or wiring. The Industrial Grade is available in stock, while the Process Grade can be tailored to specific requirements. Back Connect Thermometers are well-suited for obtaining local, eye-level temperature readings in various process applications. These thermometers offer the convenience of recalibration with a simple turn of the calibration screw located on the back of the dial. Five Year Limited Warranty Accuracy  $\pm 1\%$  Full Scale (ASME B40.3 Grade A) Hermetically Sealed (ASME B40.3) Standard External Reset for Calibration Fully Customized Dials Available Silicone Fillable for Vibration Available

## Description

Accuracy:  $\pm 1\%$  Full Scale (ASME B40.3) Dial Size: 3", 4" or 5" Dial Material: Black marks on satin matte aluminum finish, Hi-Vis™, or white dial Stem Length: 2" to 80" Stem Diameter: 1/4" (Standard) ; 3/8" & 5/16" Head, Bezel, Mounting Bushing, Stems: 300 Series SS, 316SS (Optional) Operating Conditions: Head temperature should not exceed 200°F (150°F if silicone filled). Stem should not be exposed to continuous temperatures exceeding 50% over-range or 800°F(550°F if silicone filled).

Environmental Protection: IP67, NEMA 6 Rated (Hermetically sealed per ASME B40.3) Lens: Glass (Standard), Acrylic, Polycarbonate, Tempered Glass or Laminated Safety Glass Immersion: Minimum 2" in liquid, and 4" in gas for most ranges. Certain ranges require up to 4" in liquids & 5" in gas Mounting Connection: 1/2" NPT (Standard), 1/4" NPT, 3/4" NPT, Plain Hex Bushing, 1/2" BSPT Temperature Sensing Area: Last 2" to 4" of the stem