

Heavy-Duty “Navy” Type Bimetal Thermometer

REOTEMP
INSTRUMENTS

Measuring your world since 1965

REOTEMP's Bimetal Thermometers are reliable and durable temperature sensors. Navy Type Thermometers are specifically designed to resist vibration and shock. They are ideal for local indication, requiring no electricity or wiring. They can be recalibrated with a turn of the calibration screw on the back of the dial.



Fillable



Dials



Accuracy



Custom Logos



Back Angle Form

Straight Form

Standard Delivery 3-5 Days

Thermowell Recommended



Made in the USA

FEATURES / BENEFITS

- Accuracy $\pm 1\%$ Full Scale. (ASME B40.3)
- 3" Dial- Bimetal Actuation
- Heavy-Duty Vibration and Shock Resistant
- Hermetically Sealed (ASME B40.3)
- Stainless Steel Sealed Construction
- Plastic Crystal
- Standard External Reset
- Fits in 5" Scale "Submarine" Thermowell
- The standard 3/4"- 28 UN2A Union Connection is designed for Navy thermowells.
- Hi-Vis™ Dials Available

SPECIFICATIONS

ACCURACY: $\pm 1\%$ Full Scale (ASME B40.3)

DIAL SIZE: 3"

DIAL MATERIAL: Anodized aluminum with black marks on satin matte finish background.

STEM LENGTH: 2", 4", and 6" (std); custom lengths available.

STEM DIAMETER: .375" (std); 1/4" available

HEAD, BEZEL, MOUNTING BUSHING, STEMS: 300 Series SS

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.

CASE RATING: IP67, NEMA 6 Rated (Hermetically sealed per ASME B40.3)

LENS: Plastic

IMMERSION: Minimum 2" in liquid, and 4" in gas.

MOUNTING CONNECTION: 3/4"- 28 UN2A Union Connection (to be used in thermowell)

TEMPERATURE SENSING AREA: Last 2" to 4" of the stem

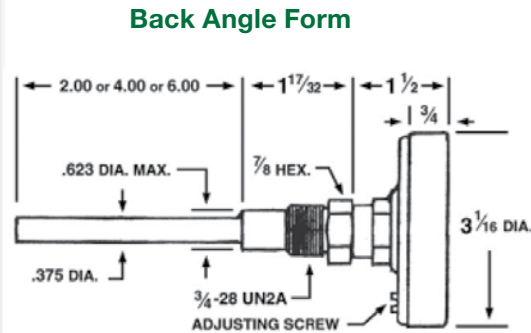
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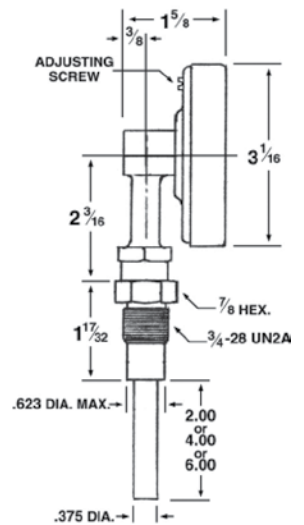
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HOW TO ORDER

| | | |
|------------------------|--|------------|
| | AN2 | F21 |
| Model: | Temperature Range (range, division): | |
| Back Angle Form | <u>Fahrenheit Ranges</u> | |
| AN2 = 2" | F21 = -40°F to 120°F, 2° | |
| AN4 = 4" | F25 = -40°F to 180°F, 2° | |
| AN6 = 6" | F43 = 0°F to 200°F, 2° | |
| | F53 = 20°F to 240°F, 2° | |
| | F63 = 50°F to 300°F, 2° | |
| | F65 = 50°F to 400°F, 5° | |
| | F69 = 50°F to 550°F, 5° | |
| | F73 = 50°F to 750°F, 10° | |
| Straight Form | <u>Celsius Ranges</u> | |
| XN2 = 2" | C07 = -50°C to 50°C, 1° | |
| XN4 = 4" | C53 = -10°C to 110°C, 1° | |
| XN6 = 6" | C59 = 0°C to 150°C, 2° | |
| | C65 = 0°C to 200°C, 2° | |
| | C71 = 0°C to 300°C, 5° | |
| | * 4" Minimum stem length on straight, left, or right forms only. | |



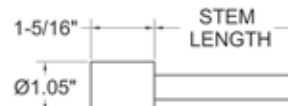
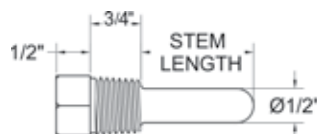
Straight Form



*dimensions in inches

Thermometer Wells

| Well Class: | Thermometer Stem Length: | Well (Overall): | Model (Brass): | Model (304SS): | Model (316SS): |
|------------------------------|--------------------------|-------------------------------|-------------------------|-------------------------|----------------------------|
| Class A = 3/4" NPT | 2" 4" 6" | 3 1/4" 5 1/4" 7 1/4" | STN2B STN4B STN6B | STN2S STN4S STN6S | STN2SS STN4SS STN6SS |
| Class W = Socket Weld | 2" 4" 6" | 3 5/16" 5 5/16" 7 5/16" | | | SWN2SS SWN4SS SWN6SS |



*dimensions in inches