

LIQUID-IN-GLASS THERMOMETER

REOTEMP's Liquid-In-Glass Industrial Thermometers are used in pipelines of all types, commercial building application (heating & cooling), process piping, tanks, boilers, etc.



FEATURES / BENEFITS

- Made to ASME B40.3 Specifications
- Accuracy $\pm 1\%$ Full Scale. (ASME B40.3)
- One Year Warranty

SPECIFICATIONS

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

Case: Modern V-shape design with parts molded of polyester, in black textured finish. Heavy glass protected front firmly secured by spring action.

Stem: Tapered bulb chambers are made of precision ground aluminum. The tapered chamber forms a metal contact with matching taper in the sockets assuring maximum speed of response to temperature changes. Graphite is used as a conducting media between bulb chamber and glass tube.

Locking Device: Adjustable case locknut and angle adjusting screw work independently to provide full 360° positioning of thermometer case and stem.

Tube & Capillary: Blue Spirit filled magnifying lens tube. Precision made to guarantee accuracy within 1% of scale range. Silicone shock mounting for lasting durability.

Scale: 9" scale with white coated aluminum and permanently baked bold black markings.

HOW TO ORDER: Choose options to build a part number. For example: **9VS35016SOC35B**

Note: Thermowells should be used whenever the stem or bulb would be exposed to pressure, corrosion, velocity, abrasion or shear forces. Thermowells also make it possible to remove the thermometer without losing pressure or the contents of the process.

9VS35

016

SOC35B

STEM

TEMPERATURE RANGE

THERMOWELL

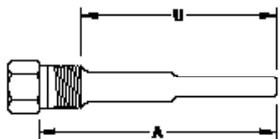
9VS35 = 3 1/2"
9VS06 = 6"
9VS09 = 9"

Fahrenheit Ranges
411 = -40°F to 110°F; 2°
118 = -10°F to 180°F; 2°
212 = -20°F to 120°F; 2°
012 = 0°F to 120°F; 1°
016 = 0°F to 160°F; 2°
318 = 30°F to 180°F; 2°
324 = 30°F to 240°F; 2°
330 = 30°F to 300°F; 2°

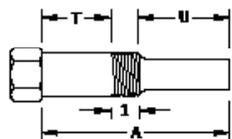
Celsius Ranges
042 = -20°C to 45°C; 1°
050 = 0°C to 50°C; 1°
100 = 0°C to 100°C; 1°
162 = 0°C to 160°C; 2°
200 = 0°C to 200°C; 2°

STANDARD THERMOWELLS (SEPARABLE SOCKETS) WITH 3/4" NPT

Material	Socket Style	"A" Stem Length	"U" Insertion Length	"T" Extension Length	Code
Brass	Standard	3 1/2"	2 1/2"	N/A	SOC35B
		6"	5"	N/A	SOC06B
		9"	8"	N/A	SOC09B
304SS	Extension Neck	6"	2 1/2"	2 1/2"	SEN06B
		9"	5 1/2"	2 1/2"	SEN09B
		3 1/2"	2 1/2"	N/A	SOC35S
304SS	Standard	6"	5"	N/A	SOC06S
		9"	8"	N/A	SOC09S
		6"	2 1/2"	2 1/2"	SEN06S
304SS	Extension Neck	9"	5 1/2"	2 1/2"	SEN09S



Standard Thermowell



w/ Extension Neck (Lag)

All dimensions are in inches.