

Oil and Gas Measurement

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BS&W Probes: Less the Electronics

Measurement Accuracy:

- $\pm 1.0\%$ of full scale

Resolution/Sensitivity:

- $\pm 0.5\%$ of full scale

Probe Material:

- Grade B Carbon Steel Seamless Pipe
- Standard Pipeline Welding Spec B-31-3

Probe Finish:

- Red baked on two-part epoxy

Process Connections:

- ANSI 150# Raised Faced Flanges
- 2" and 3" Victaulic grooved

Pressure Ratings:

- ANSI 150# Flange Rating
- Victaulic Grooved 200 PSI

Temperature Range:

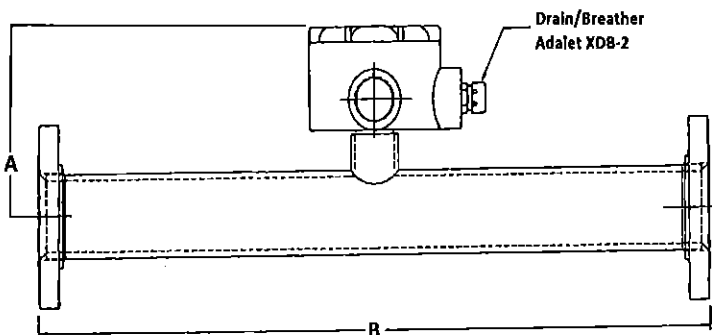
- 0-200° Fahrenheit

Probe Lengths:

- 2" Grooved and RF are 17"
- 3" Grooved and RF are 32"
- 4" and 6" RF are 32"

Note:

- All OGME BS&W Probes are set up to accept the INVALCO 4528 round card



SIZE	Dimension A	Dimension B
2 Inch	9.8 Inches	17.0 Inches
3 Inch	10.9 Inches	32.0 Inches
4 Inch	11.9 Inches	32.0 Inches
6 Inch	14.0 Inches	32.0 Inches

The OGME BS&W Probe is constructed of two concentric tubes. All wetted and internal surfaces are coated with a baked on Phonlic Coating. The inner tube is insulated from the outer tube by Virgin Teflon spacers and is electrically connected to a terminal within the Sensor Housing. The internal element (tube) is cut to a specific length for each size probe to achieve the proper base capacitance or dielectric between the inner element and the outer element.