

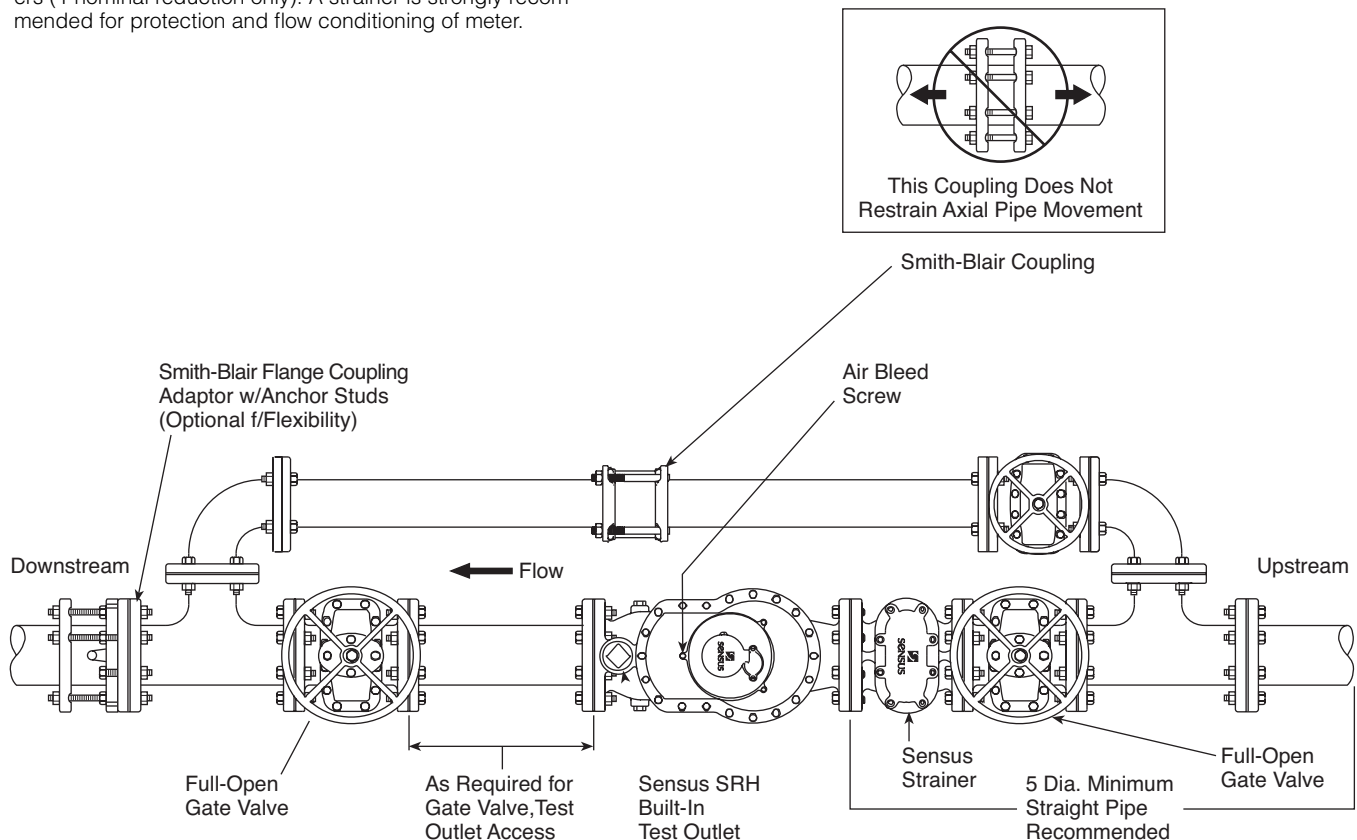
Sensus SRH Compound Meters

Important

Proper meter installation will help assure long term meter accuracy, maximum revenue and reduce future meter maintenance and expense.

In order to maintain factory calibration levels, the following installation instructions should be followed:

1. Remove construction debris from line before installing meter. Install meter in a horizontal plane. Large slugs of entrained air can damage the internal measuring mechanism. Utilize air bleed screw to slowly vent during initial line fill.
2. When installing Sensus Compound Meters, a minimum of five (5) pipe diameters of straight run of pipe or equivalent full open components is required upstream of the meter.
3. Full open flow components may consist of : a strainer, straight pipe, full open gate valves, bypass tees and concentric reducers (1 nominal reduction only). A strainer is strongly recommended for protection and flow conditioning of meter.
4. Do not install elbows, bends, nonconcentric reducers, check valves and/or pressure reducing devices within ten (10) pipe diameters upstream or three (3) pipe diameters downstream of the meter.
5. Do not install butterfly valves within five (5) pipe diameters upstream of the meter.
6. Gate valves located immediately upstream of the meter setting are acceptable, provided they are fully open during meter service and are not used to throttle flow rates through the meter.
7. Accuracy levels may be determined by comparison accuracy testing. Use a Sensus Portable Large Meter Tester or remove the suspect meter and test it on a calibrated test bench. Accuracy level adjustments may be accomplished by changing calibration gears.



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