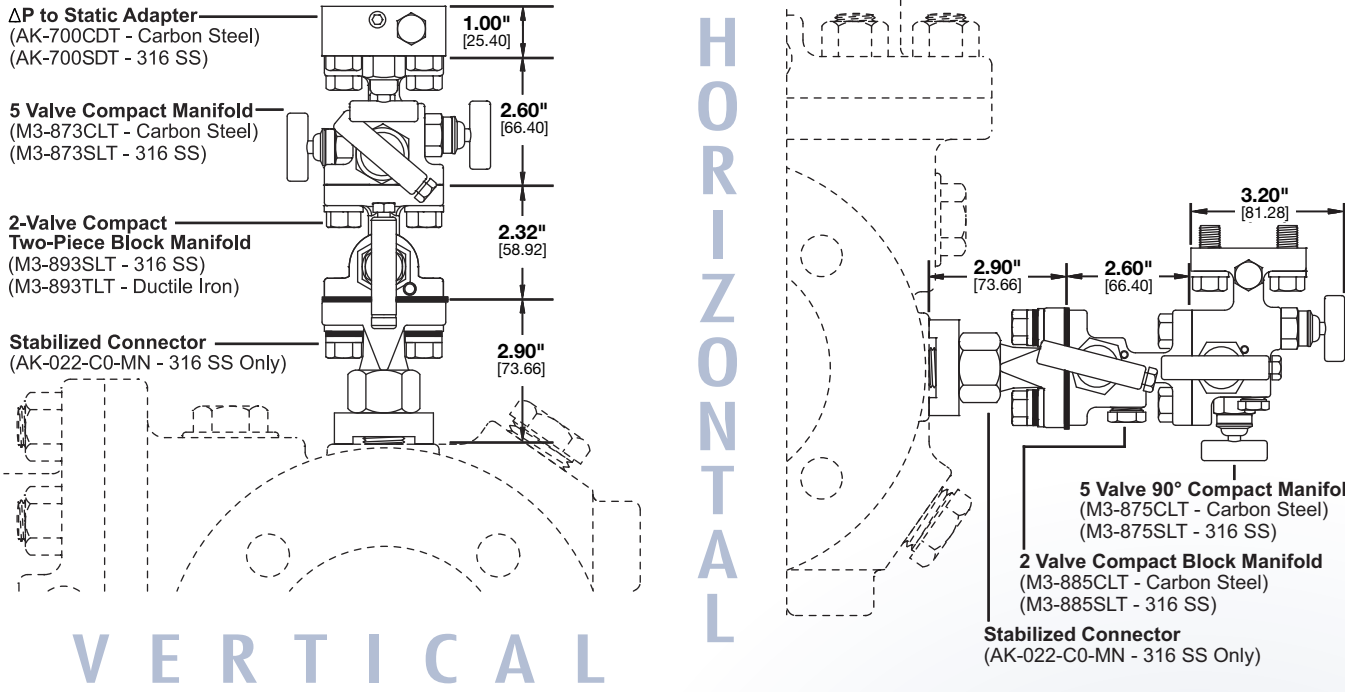


STEPS ONE TO FOUR

Space Limitations: Selecting Your System

PGI recommends the use of a 5 Valve Manifold in custody transfer applications. A 5 Valve Manifold allows you to ensure a bubble tight shut-off at the equalizer valve position, eliminating any uncertainty in the accuracy of the differential signal.



Step 1: Starting from your office fitting or flange, the first item required for your Compact DMS is the connector. The connector provides the foundation for your DMS and you must select the proper model for your installation considering:

- Clearance requirements (Crank handles, orifice plate housing and Simplex style clamping bar)
- Dielectric Isolation
- Orifice tap centers (2-1/8" to 2-1/4")
- Weight load/vibration

Step 2: Once you have selected the proper connector, the next piece to consider is a recommended 2 Valve Block Manifold. To select the proper model you must consider the clearance required for a flow computer housing door and the crank handle on the fitting.

Step 3: Once you have selected the proper 2 Valve Block Manifold, you must next select a 5 Valve Manifold. If you are mounting the 5 Valve Manifold directly to a ΔP transmitter, Smart Multivariable or Flow Computer you must consider the mounting bolt lengths. (See Bolt Charts on pages 26 or 32).

Step 4: In applications where you are mounting both ΔP and Static Transmitters, it is necessary to select a DMS Adapter. It is important to note that different transmitter and flow computer manufacturers will require different mounting bolt lengths. (See Bolt Charts on pages 26 or 32).

COMPACT DIRECT-MOUNT