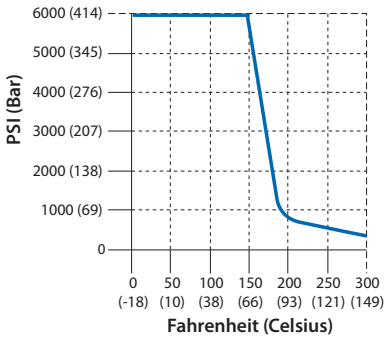
Pentafold 5–Valve Manifold

The Hoke Pentafold 5-valve manifold is specifically designed for use with differential pressure transmitters when applied to gas flow measurement. This manifold design uses two PCTFE seated ball valves and three needle valves with non-rotating PCTFE stem tips as bypass or equalizing valves and vent valves. The two by-pass valves assure no leakage across the high and low side of the orifice meter for critical gas flow measurement. The pipe by pipe Pentafold design allows the manifold to be mounted away from the process but close to a differential pressure transmitter through the use of impulse piping.

Technical Data

MAXIMUM OPERATING PRESSURE	6000 psig (414 barg) -20° F to +150° F (-29°C to +66° C) 400 psig @ +300° F (28 barg @ +149° C)
OPERATING TEMPERATURE RANGE	0° F to +300° F (-18°C to +149° C)

Pressure Temperature Curves



Features & Benefits

- Static or vent ports provided on instrument side.
- Replaceable ball seats and stem tips extend service life, reducing cost.
- Threaded mounting hole provided on all models.
- Single manifold block has fewer potential leak paths than individually assembled valves.
- TFE standard packing in all valves.
- Special High Tolerance NPT Thread

instrument manifolds

HOKE, Inc.
405 Centura Court • PO Box 4866 (29305) • Spartanburg, SC 29303
Phone (864) 574-7966 Fax (864) 587-5608
www.hoke.com • sales@hoke.com