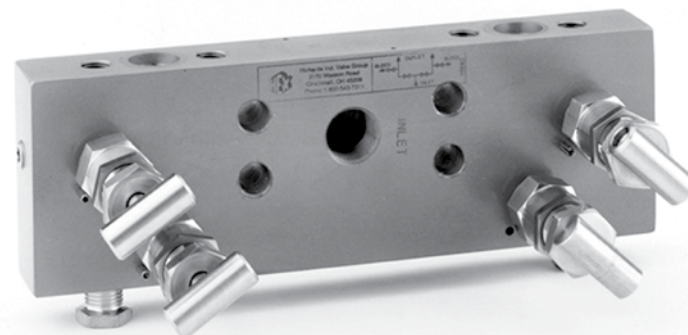


Instrument piping practice often calls for the installation of a pressure gauge at or near the static pressure instrument when these instruments are remote mounted.

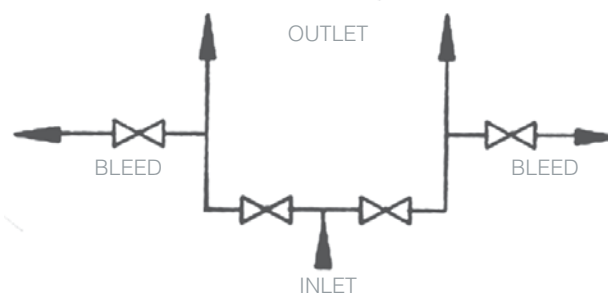
This requires two separate pipe taps, root valve assemblies, and/or separate block & bleed valves at each instrument. This conventional installation is very costly, both in terms of materials and installation labor, and provides greater risk for fugitive emissions due to the many threaded connections.

The HM40 is a double instrument-mount manifold that allows two instruments to be mounted on one assembly. The HM40 reduces the number of components and leak points associated with conventional static pressure instrument piping. The piping configuration is simplified by combining the functions of block and bleed, as well as providing vent/calibration access in a single, remote mounted block style manifold. The HM40 requires only one pipe tap even though two sets of block and bleed valves are provided. The HM40 is a static pressure manifold that provides two sets of block and bleed valves for the independent operation of two static pressure instruments such as gauges, transmitter or switches.



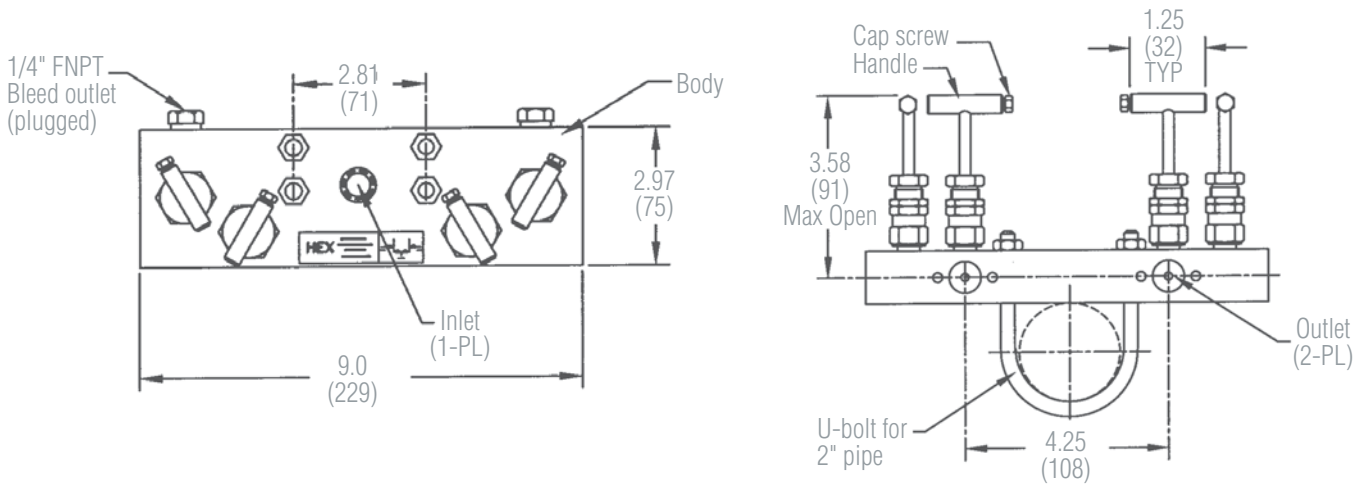
The HM40 is shown with the optional 1/2" tube fitting inlet. You can also specify a gasketed futbol flange with welded tube fitting in place of the standard threaded connection. For details, see ordering information.

Flow Schematic



Features and Benefits

- **Reduce costs and installation time:** Use the Instru-Mount manifold in place of the traditional arrangement of nipples, pipes, elbows, tees and gate valves for a lower cost, easy-to-install valve assembly
- **Your choice of mounting options:** Choose from single or double instrument mounts to match your application needs and specific instruments
- **Easy to insulate:** Prefabricated instrument enclosures fit neatly over the compact, one piece valve assemblies. Enclosures are currently marketed that accommodate these valves
- **Non-rotating tip (NRT) stem:** Provides tight, repeatable shutoff without the galling or cross-scoring that occurs on ball type stems. Because the NRT conical stem tip stops rotating when it contacts the seat, further torque turns the stem, but not the tip, protecting the stem tip from damage.
- **Integral tube nut or inlet flanges available:** Reduces risks and emissions by eliminating threaded process connections
- **Fully packed, backseated bonnets:** Prevents accidental stem removal and blowout. Unique design minimizes emissions while offering easy access to the packing. Four rings of Teflon-Chevron packing are standard.

Dimensions


Weight: 11.3 lbs (5,1 kgs)

How to Order									
Model Number	Seat/ Body Configuration	Body Material	Inlet Size	Inlet Type	Outlet Size/Type	Stem/Tip	Seat Material	Packing	Options
HM40	1 = Hard	S = CS	3 = 1/2"	3 = FNPT	99 = Flanged	4 = 316/316SS NRT	1 = Integral (hard)	2 = TFE - Chevron	N = Steam Trace Block
		U = SS	A = 1/2" Single Ferrule Integral Tube Nut	A = Integral Tube Nut				3 = Graphite/ Grafoil/Graphite	
			B = 1/2" Double Ferrule Integral Tube Nut	B = Tube Fitting/ Flange					
			C = Swagelok™ Tube Fitting/Flange	9 = Flanged					

Sample Ordering Schematic

HM40	1	U	3	3	99	4	1	2	N
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Note: 1/2" FNPT futbols for inlet or outlet must be ordered separately. To order CS 1/2" FNPT outlet futbol flange (1), order part # 10007-9010; to order SS 1/2" FNPT outlet futbol flange (1), order part # 10007-9011