

Valve Manifold

Two Valve Manifold

Two valve manifold is designed in a single block with female screwed inlet & outlet port combining isolation valve and calibration/vent valve. Generally used on static pressure transmitters, switches or gauges. Standard connection available is 1/2" NPT(F) x 1/2" NPT(F) and drain connection of 1/4" NPT(F) or 1/2" NPT(F). Available in CS to A105, SS304, SS316. Other material will be offered optionally.



Three Valve Manifold Separately Mounted

Designed for applications to facilitate remote mounting of differential pressure instruments. Useful for installations in remote fields eliminating conventional method of piping. Standard dimensions are 54mm or 2.1/8" between instrument connections.

For requirement of other dimensions, please consult us.

Standard connection : 1/2" NPT(F) x 1/2" NPT(F)
x 1/4" NPT(F)



Three Valve Manifold Direct Mounting - T Type

Designed for direct or remote mounting. Two oval flanges are used for connecting process pipe to manifold block. The manifold block incorporates two main valves for process isolation and one valve for equalising. Standard dimensions of centre distance of instrument connections are 54mm or 2.1/8". Other dimensions can be offered optionally. Standard material of construction is CS to A105, SS304, SS316 (other material can be offered optionally). Mounting bracket with U bolts for 2" pipe mounting or nuts/bolts for wall mounting are offered separately as an option.



Valve Manifold

Five Valve Manifold Remote Mounting

Five valve manifold incorporates two process isolation valves, one equaliser valve and two drain/vent valves with a common drain connection in a compact manifold block. The manifold is designed for remote mounting, away from differential pressure instrument and joined by tube or pipe impulse lines. Normally has threaded connections. Standard dimensions of instrument connections centre are 54mm or 2.1/8". Manifolds with other dimensions are offered optionally. Available normally in CS to A105, SS304, SS316. Other non-standard materials are offered optionally.



Five Valve Manifold Direct Mounting - H Type

H type five valve manifold is designed for direct mounting of differential pressure transmitter. For remote mounting, two oval flanges are used for connecting process pipe to manifold block. This manifold block incorporates five valves - two main valves for process isolation, valve for vent and two valves for equalising. Standard instrument connection centre dimensions are 54mm or 2.1/8". Other dimensions are also available on request.



Five Valve Manifold Direct Mounting - T Type

As in H type, T type five valve manifold is designed for direct mounting on differential pressure instruments. The manifold incorporates two process isolation valves, one equaliser valve and two drain/vent valves in a compact block. The process connection is threaded for connecting by tube or pipe fittings. Instrument and process connection centre distances of 54mm or 2.1/8" are standard.

Standard MOC is CS to A105, SS304, SS316.
Other materials available optionally.



Detailed catalogue of Valves & Valve Manifolds available on request

Instrument Fittings

Instrument fittings are vital for reliability under varying service conditions. Employing good quality material ensures that it is suitable for use in chemical plants and refinery piping besides other industries. The hardness of the wetted part material is minimum RB 60 (For NACE requirement it is ensured to be RB 90).

We offer entire range of Instrument Fittings in various materials viz. SS, Brass, Monel 400, Hastelloy C etc. The different types of tube fittings offered are :

Male/female connector (compression fitting - single or double ferrule)

Union

Equal tee

Adaptor

Reducer

Air Header

Elbow

Nuts/Caps

Condensate pot



Close tolerances are maintained while manufacturing to avoid energy losses (and avoiding hazard in certain cases). The fittings are subjected to random sampling tests as mentioned below:

Visual Check

Dimensional Check

Chemical Composition

Hardness Test

Air Leak Test



Detailed catalogue of Instrument Fittings available on request