Model No. G5 VMPP 1

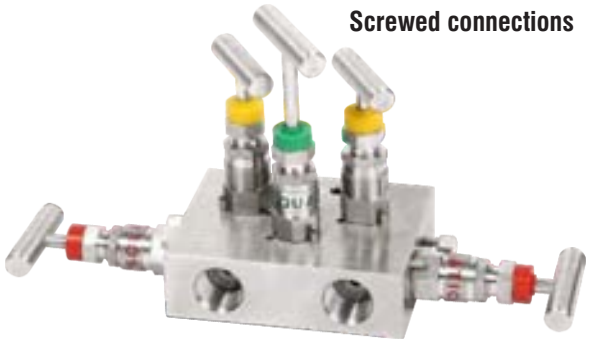
Five Valve Manifold G5 VMPP-1 incorporate two process isolation valves, one equalizer valve and two drain/vent valves with separate connections in a compact manifold block. The Model G5 VMPP-1 is designed for remote mounting away from the differential pressure instrument and joined by tube or pipe impulse lines. They have threaded connections of which the most popular are detailed below but also available to suit other sizes and standards.

Dimensions shown are for the standard 54 mm or 2 1/8 inch instrument connection. Centre distance found in majority of instruments.

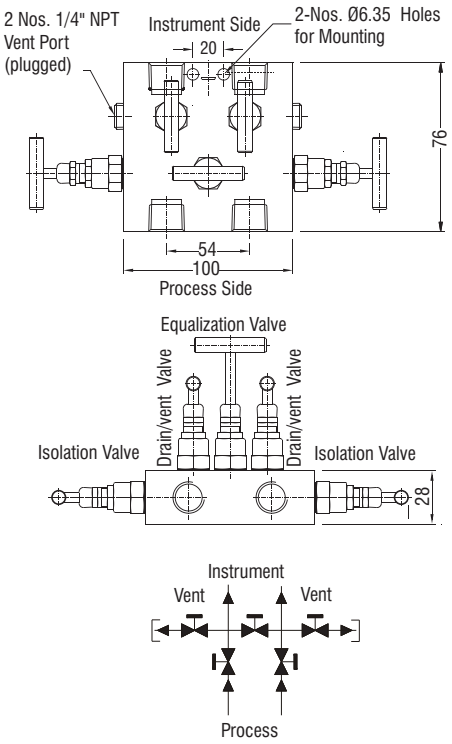
The manifold is also available for instruments with other centre distances for instrument connections (as 55 mm, 56 mm and 57 mm) but dimensions shown will vary.

Please consult us for these dimensions.

Screwed connections



Description



Connections	Process : 1/2"NPT (F) Instrument : 1/2"NPT (F) Drain/Vent : 1/4"NPT (F)
Test Pressure	@ 25°C Room Temperature Hydrostatic : Body - 415 bar(g) Seat - 415 bar(g) Pneumatic : Seat - 7 bar(g)
Gland Packing	PTFE : Standard GRAPHOIL : Temperatures above 200°C
Material	A 105, A 182 / A 479 GR F 304, A 182 / A 479 GR F316, Monel, Hastelloy,Duplex
Finish	CS zinc plated. SS Natural
Option	Test Port on precess side with plug
Accessory	Mounting Bolts - IS : 1364 - 1960 - 2 Nos

Note: Also available with BSP and BSP taper threads.

Note: Drawings, Dimensions and other information are subject to change without notice, as a part of our continues research and development.

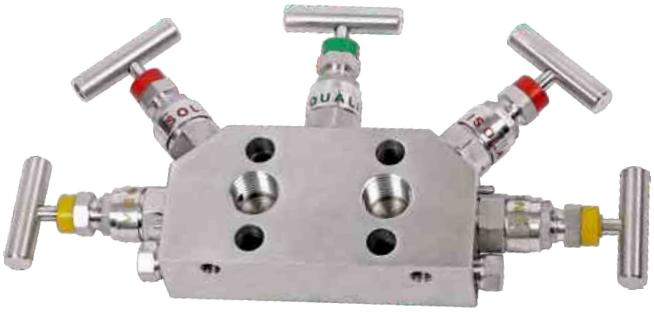
Five Valve Manifold Coplanar Mounting

Model No. G5 VMC1

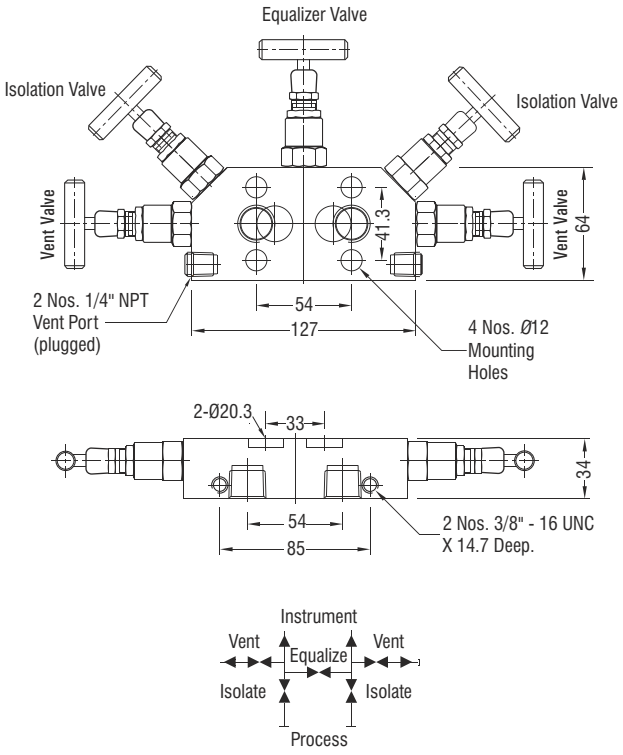
Five Valve Manifold Model G5 VMC 1 is designed as a new series of process instrument manifold for particular transmitter models.

The coplanar manifold when assembled to transmitter has the advantage of compact size with ease for operation in minimum space, thereby eliminating several components in integrating the manifold to the transmitter. The coplanar manifold has two isolating valves, one equalizer valve and two vent valves and two bottom test ports duly plugged.

The manifold dimensions illustrated are for standard 33 mm instrument centres but available for other centres. The direct mounting facility to the base of the differential pressure transmitter results in lesser leakage points and more accurate measurements.



Description



Connections	Process : 1/2"NPT (F) Instrument : Flanged Drain/Vent : 1/4"NPT (F)
Test Pressure	@ 25°C Room Temperature Hydrostatic : Body - 415 bar(g) Seat - 415 bar(g) Pneumatic : Seat - 7 bar(g)
Gland Packing	PTFE : Standard GRAPHOIL : Temperatures above 200°C
Material	A 105, A 182 / A 479 GR F 304, A 182 / A 479 GR F316, Monel, Hastelloy, Duplex
Finish	CS zinc plated. SS Natural
Optional	Test Port on precess side with plug
Accessory	Mounting Bolts - IS : 1364 - 1960 - 4 Nos

Note: Also available with BSP and BSP taper threads.

Note: Drawings, Dimensions and other information are subject to change without notice, as a part of our continues research and development.

Five Valve Manifold Coplanar Mounting

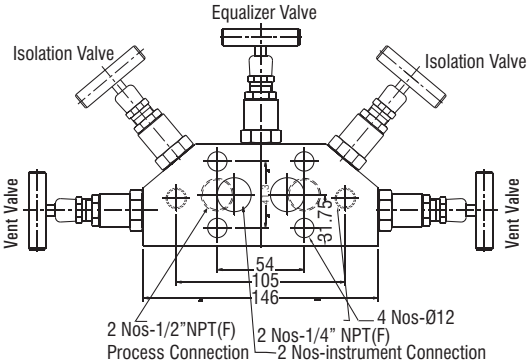
Model No. G5 VMC2

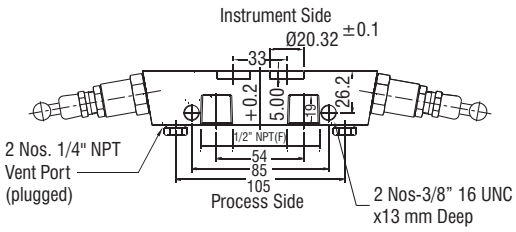
Five Valve Manifold Model G5 VMC 2 is designed as a new series of process instrument manifold for particular transmitter models.

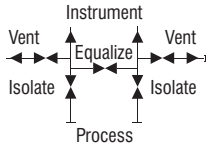
The coplanar manifold when assembled to transmitter has the advantage of compact size with ease for operation in minimum space, thereby eliminating several components in integrating the manifold to the transmitter. The coplanar manifold has two isolating valves, one equalizer valve and two vent valves and two bottom test ports duly plugged.

The manifold dimensions illustrated are for standard 54 mm or 2 1/8 inch instrument centres but available for other centres. The direct mounting facility to the base of the differential pressure transmitter results in lesser leakage points and more accurate measurements.

Description







Connections	Process : 1/2"NPT (F) Instrument : Flanged Drain/Vent : 1/4"NPT (F)
Test Pressure	@ 25°C Room Temperature Hydrostatic : Body - 415 bar(g) Seat - 415 bar(g) Pneumatic : Seat - 7 bar(g)
Gland Packing	PTFE : Standard GRAPHOIL : Temperatures above 200°C
Material	A 105, A 182 / A 479 GR F 304, A 182 / A 479 GR F316, Monel, Hastelloy, Duplex
Finish	CS zinc plated. SS Natural
Optional	Test Port on precess side with plug
Accessory	Mounting Bolts - IS : 1364 - 1960 - 4 Nos

Note: Also available with BSP and BSP taper threads.

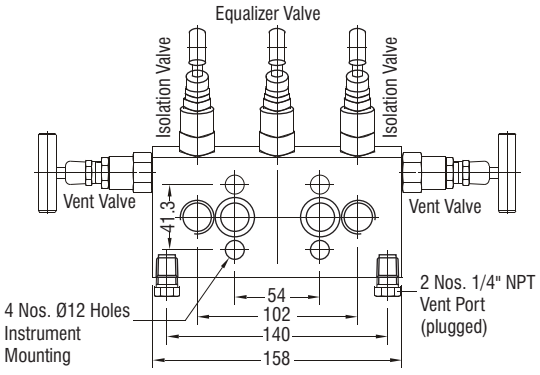
Model No. G5 VMPF 2

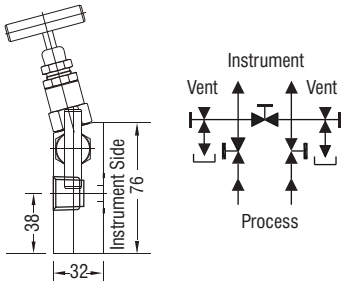
Five Valve Manifold Model G5 VMPF 2 is designed for direct mounting on differential pressure instruments. The manifold incorporates two process isolation valves, one equalizer valve and two drain/vent valves with separate connections. The process connection is through threaded connections for tube or pipe assembly. The valves are suitably angled to prevent fouling with the instrument.

Dimensions shown are for the standard 54 mm or 2 1/8 inch instrument connection centres but also available for other centres on request.

Vent valves on side and rest on top, screwed process connection

Description





Connections	Process : 1/2"NPT (F) Instrument : Flanged Drain/Vent : 1/4"NPT (F)
Test Pressure	@ 25°C Room Temperature Hydrostatic : Body - 415 bar(g) Seat - 415 bar(g) Pneumatic : Seat - 7 bar(g)
Gland Packing	PTFE : Standard GRAPHOIL : Temperatures above 200°C
Material	A 105, A 182 / A 479 GR F 304, A 182 / A 479 GR F316, Monel, Hastelloy, Duplex
Finish	CS zinc plated. SS Natural
Option	Test Port on precess side with plug
Accessory	Mounting Bolts - IS : 1364 - 1960 - 4 Nos Interface seal - PTFE / VITON - 2 Nos

Note: Also available with BSP and BSP taper threads.

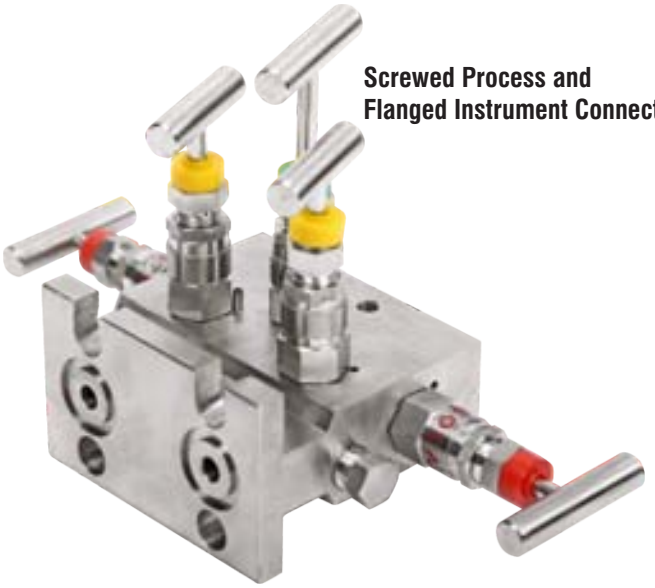
Note: Drawings, Dimensions and other information are subject to change without notice, as a part of our continued research and development.

Five - Valve Manifold, Direct Mounting - T Type

Model No. G5 VMPF 1

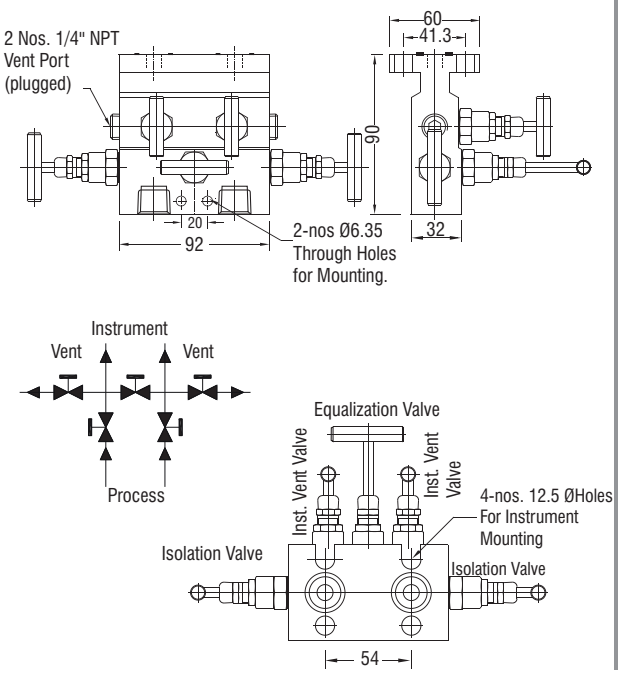
Five Valve Manifold Model “T” type Model G5 VMPF 1 is designed for direct mounting on differential pressure instruments. The manifold incorporates two process isolation valves, one equalizer valve and two drain/vent valves in a compact block. The process connection is threaded for connections by tube or pipe fittings.

Dimensions shown are for the standard 54 mm or 2 1/8 inch centres for instrument and process connections but are available for other centres on request. Thread details shown are for standard popular sizes and available to suit other thread standards.



Screwed Process and Flanged Instrument Connection

Description



Connections	Process : 1/2”NPT (F) Instrument : Flanged Drain/Vent : 1/4”NPT (F)
Test Pressure	@ 25°C Room Temperature Hydrostatic : Body - 415 bar(g) Seat - 415 bar(g) Pneumatic : Seat - 7 bar(g)
Gland Packing	PTFE : Standard GRAPHOIL : Temperatures above 200°C
Material	A 105, A 182 GR F 304, A 182 GR F 316, Monel, Hastelloy, Duplex
Finish	CS zinc plated. SS Natural
Mounting Kit	Mounting bracket with U bolts and necessary kits for fitting on 2”NB stanchion pipe stand or wall mount. (to be ordered separately)
Option	Test Port on precess side with plug
Accessory	Mounting Bolts - IS : 1364 - 1960 - 4 Nos Interface seal - PTFE / VITON - 2 Nos

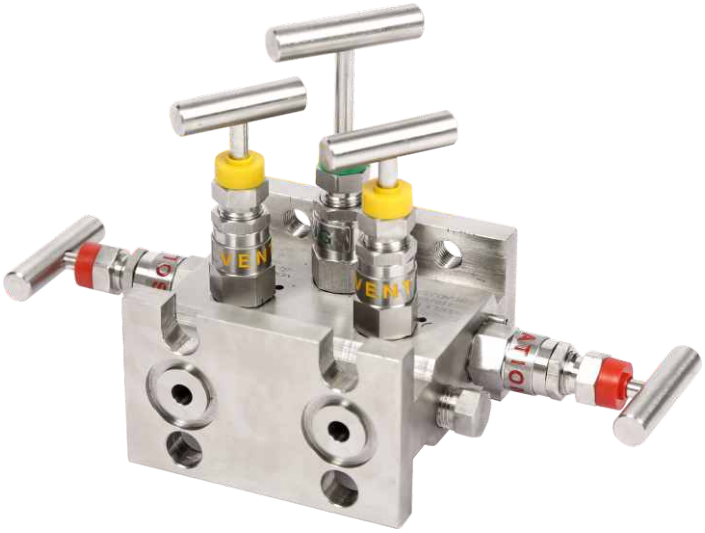
Note: Also available with BSP and BSP taper threads.

Note: Drawings, Dimensions and other information are subject to change without notice, as a part of our continues research and development.

Model No. G5 VMFF 1

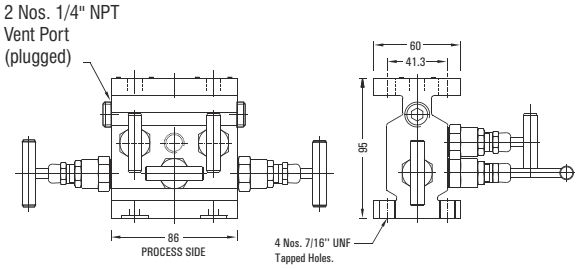
Five Valve Manifold Model G5 VMFF 1 is designed for direct or remote mounting of differential pressure transmitters. For remote mounting two oval / kidney flanges are used for connecting process pipe to manifold block. These manifold block incorporate five valves, two main valve for process isolation valve for vent one valves for equalizing.

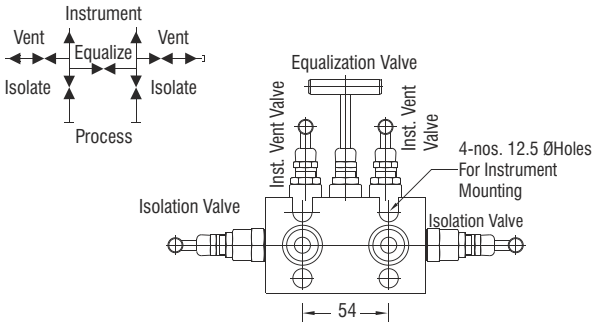
Dimensions shown above are for the standard 54 mm or 2 1/8 inch instrument connection Centre distance found in majority of instruments. The manifold is also available for instruments with other centre distances for instrument connections (as 55 mm, 56 mm and 57 mm) but dimensions shown will vary. Please consult us for these dimensions.



Flanged instrument and process connection

Description





Connections	Process : Flanged Instrument : Flanged Drain/Vent : 1/4"NPT (F)
Test Pressure	@ 25°C Room Temperature Hydrostatic : Body - 415 bar(g) Seat - 415 bar(g) Pneumatic : Seat - 7 bar(g)
Gland Packing	PTFE : Standard GRAPHOIL : Temperatures above 200°C
Material	A 105, A 182 GR F 304, A 182 GR F 316, Monel, Hastelloy
Finish	CS zinc plated. SS Natural
Mounting Kit	Mounting bracket with U bolts and necessary kits for fitting on 2"NB stanchion pipe stand or wall mount. (to be ordered separately)
Option	Test Port on precess side with plug.
Accessory	Mounting Bolts - IS : 1364 - 1960 - 4 Nos Interface seal - PTFE / VITON - 2 Nos

Note: Drawings, Dimensions and other information are subject to change without notice, as a part of our continues research and development.