# Three Valve Manifold, Separately Mounted

## Model No. G3VMPP1

Designed for applications to facilitate remote mounting of differential pressure instruments. Dimensions shown above are for the standard 54 mm or 2 1/8 inch instrument connection. Centre distance found in majority of instruments.

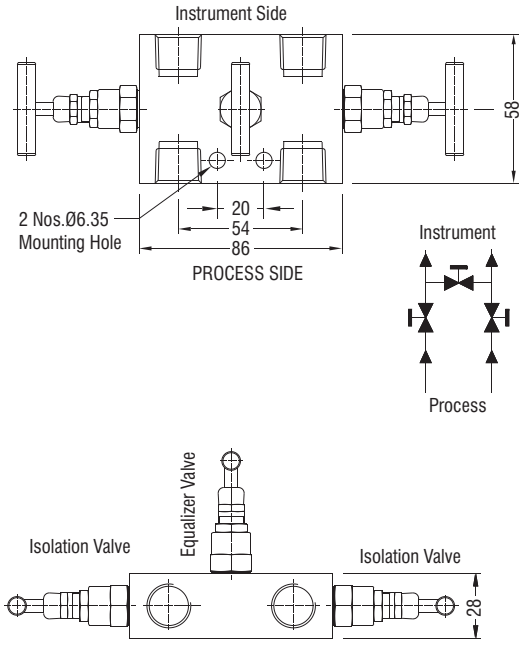
The manifold is also available for instruments with other centre distances for instrument connections (as 55 mm, 56 mm and 57 mm) but dimensions shown will vary.

Please consult us for these dimensions. Useful for installations in remote fields eliminating conventional method of piping.



**Valve on three sides with screwed connections**

## Description




| | |
|---|---|
| **Connections** | Process : 1/2"NPT (F)<br>Instrument : 1/2"NPT (F)<br>Drain/Vent : 1/4"NPT (F)(Optional) |
| **Test Pressure** | @ 25°C Room Temperature<br>Hydrostatic : Body - 415 bar(g)<br>Seat - 415 bar(g)<br>Pneumatic : Seat - 7 bar(g) |
| **Gland Packing** | PTFE : Standard<br>GRAPHOIL : Temperatures above 200°C |
| **Material** | A 105, A 182 GR F 304,<br>A 182 GR F 316, Monel, Hastelloy, Duplex |
| **Finish** | CS zinc plated. SS Natural |
| **Option** | Drain Port on instrument side with drain plug (Dimension 58 becomes 76)<br>Test Port on process 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.

# Three Valve Manifold Coplanar Mounting

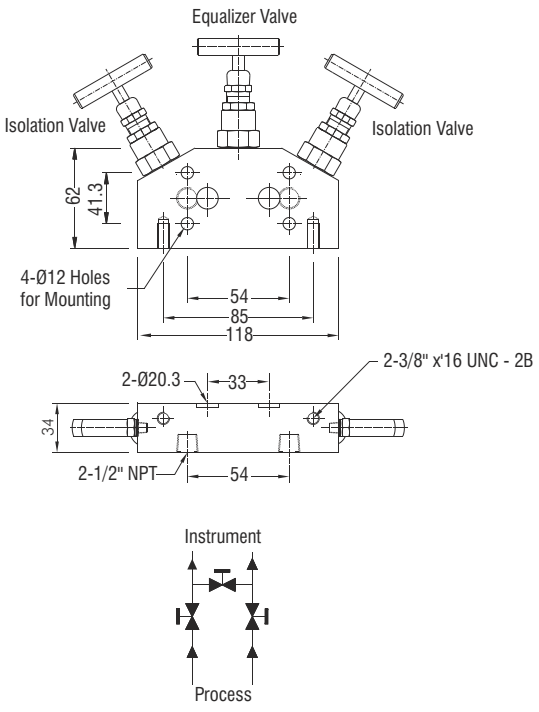
## Model No. G3 VMC 1

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.

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
less leakage points and more accurate measurements.



## Description




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|---|---|
| **Connections** | Process : 1/2"NPT (F)<br>Instrument : Flanged<br>Drain/Vent : 1/4"NPT (F)(Optional) |
| **Test Pressure** | @ 25°C Room Temperature<br>Hydrostatic : Body - 415 bar(g)<br>Seat - 415 bar(g)<br>Pneumatic : Seat - 7 bar(g) |
| **Gland Packing** | PTFE : Standard<br>GRAPHOIL : Temperatures above 200°C |
| **Material** | A 105, A 182 / A 479 GR F 304,<br>A 182 / A 479 GR F316, Monel, Hastelloy, Duplex |
| **Finish** | CS zinc plated. SS Natural |
| **Option** | Test Port on process 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.

# Three Valve Manifold, Direct Mounting

## Model No. G3VMPF2

Designed for direct mounting on to standard differential pressure transmitters. This manifold block incorporates three valves, two main process isolation valves and one equalising valve.

This design is suitable where the straight valve may foul with the instrument and to provide ease of operation.

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

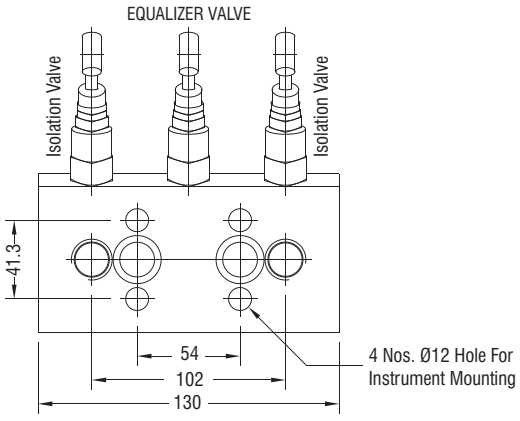
The manifold is also available for instruments with other centre distances for instrument connections (as 55 mm, 56 mm and 57 mm) but dimensions shown will vary.

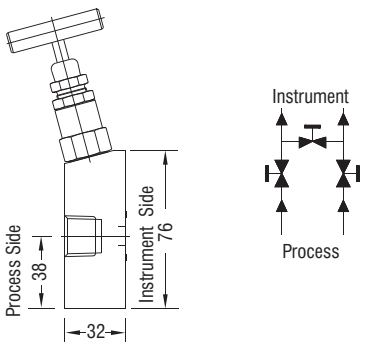
Please consult factory for these dimensions.



**All valves on top, screwed process connections**

## Description




| | |
|---|---|
| **Connections** | Process : 1/2"NPT (F)<br>Instrument : Flanged<br>Drain/Vent : 1/4"NPT (F) (Optional) |
| **Test Pressure** | @ 25°C Room Temperature<br>Hydrostatic : Body - 451 bar(g)<br>Seat - 415 bar(g)<br>Pneumatic : Seat - 7 bar(g) |
| **Gland Packing** | PTFE : Standard<br>GRAPHOIL : Temperatures above 200°C |
| **Material** | A 105, A 182 / A 479 GR F 304,<br>A 182 / A 479 GR F316, Monel, Hastelloy, Duplex |
| **Finish** | CS zinc plated. SS Natural |
| **Option** | Drain Port on instrument side with drain plug<br>Test Port on process side with plug. |
| **Accessory** | Mounting Bolts - IS : 1364 - 1960 - 4 Nos<br>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.

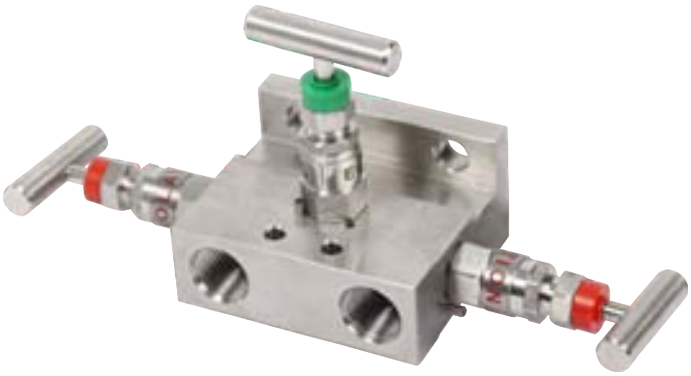
# Three Valve Manifold, Direct Mounting - T Type

## Model No. G3 VMPF1

Designed for direct mounting on to standard differential pressure transmitters. This manifold block incorporates three valves, two main process isolation valves and one equalising valve.

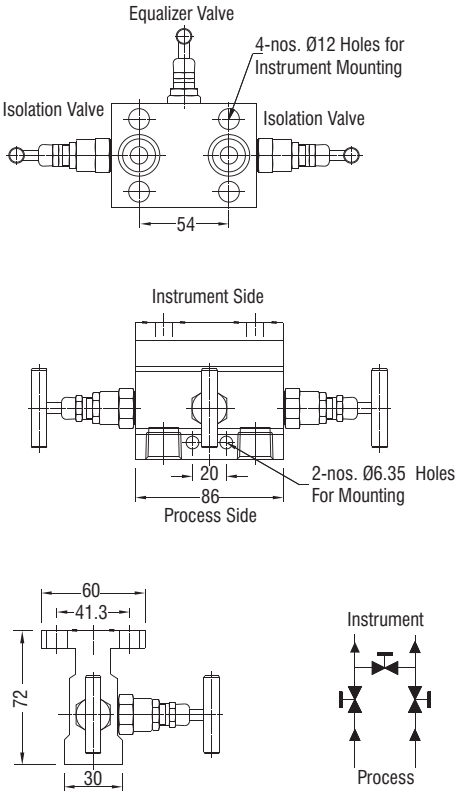
Dimensions shown are for the standard 54 mm or 2 1/8 inch instrument connection Centre distance found in majority of instruments. The manifold is also available for instruments with other centre distances for instrument connections (as 55 mm, 56 mm and 57 mm) but dimensions shown will vary.

Please consult us for these dimensions.



**Screwed process and flanged instrument connection**

## Description




| | |
|---|---|
| **Connections** | Process : 1/2"NPT (F)<br>Instrument : Flanged<br>Drain/Vent : 1/4"NPT (F) (Optional) |
| **Test Pressure** | @ 25°C Room Temperature<br>Hydrostatic : Body - 415 bar(g)<br>Seat - 415 bar(g)<br>Pneumatic : Seat - 7 bar(g) |
| **Gland Packing** | PTFE : Standard<br>GRAPHOIL : Temperatures above 200°C |
| **Material** | A 105, A 182 GR F 304,<br>A 182 GR F 316, Monel, Hastelloy, Duplex |
| **Finish** | CS zinc plated. SS Natural |
| **Accessories** | Two PTFE seal ring and four 7/16" UNF HI<br>Steel mounting bolts available on request |
| **Mounting Kit** | Mounting bracket with U bolts and necessary kits for fitting on 2"NB stanchion pipe stand or wall mount. (to be ordered seperately) |
| **Option** | Drain Port on instrument side with drain plug<br>Test Port on process side with plug |
| **Accessory** | Mounting Bolts - IS : 1364 - 1960 - 4 Nos<br>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.

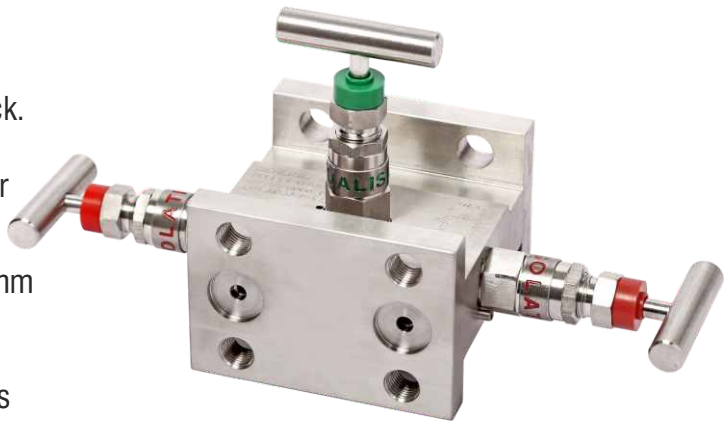
# Three Valve Manifold, Direct Mounting - H Type

## Model No. G3 VMFF1

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. The manifold block incorporate two main valves for process isolation and one valve for equalizing.

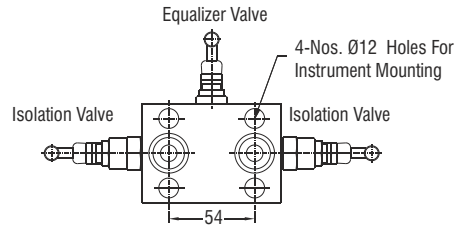
Dimensions shown are for the standard 54 mm or 2 1/8 inch instrument connection Centre distance found in majority of instruments. The manifold is also available for instruments with other centre distances for instrument connections (as 55 mm, 56 mm and 57 mm) but dimensions shown will vary.

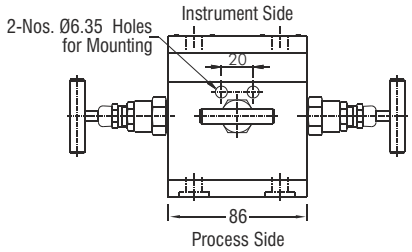
Please consult us for these dimensions.

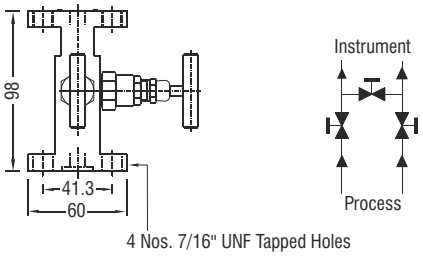


**Flanged instrument and process connection**

## Description




| | |
|---|---|
| **Connections** | Process : Flanged<br>Instrument : Flanged<br>Drain/Vent : 1/4"NPT (F) (Optional) |
| **Test Pressure** | @ 25°C Room Temperature<br>Hydrostatic : Body - 415 bar(g)<br>Seat - 415 bar(g)<br>Pneumatic : Seat - 7 bar(g) |
| **Gland Packing** | PTFE : Standard<br>GRAPHOIL : Temperatures above 200°C |
| **Material** | A 105, A 182 GR F 304,<br>A 182 GR F 316, Monel, Hastelloy, Duplex |
| **Finish** | CS zinc plated. SS Natural |
| **Accessories** | Two PTFE seal ring and four 7/16" UNF HI Steel mounting bolts available on request |
| **Mounting Kit** | Mounting bracket with U bolts and necessary kits for fitting on 2"NB stanchion pipe stand or wall mount. (to be ordered seperately) |
| **Option** | Drain Port on instrument side with drain plug<br>Test Port on process side with plug |
| **Accessory** | Mounting Bolts - IS : 1364 - 1960 - 4 Nos<br>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.