



SHIPBUILDING INDUSTRY



PETROCHEMISTRY

The new building, opened in 2008, with offices and warehouse in the same structure, is the result of Tierre Group investments in these years and shows how much the company trusts in its Staff, Partners and in its opportunities of growth. Reliability, professional skills, quality of the products and high level of service are the main goals of Tierre Group, being at the same time the strength of the company itself.

Continuous important investments in the warehouse logistics, in technology and human resources, in instruments and software, for a better and more efficient stock management, show Tierre Group attention to its Customers' needs. Large warehouse stock, flexibility, quick deliveries are the key points encouraged the development and the consolidation of Tierre Group attention to its Customers' needs.

A complete and updated web site, together with the concrete presence of the company at the most important exhibitions in the international field, makes Tierre Group a valid and reliable partner. Tierre Group believes in the potentialities of its collaborators, providing them with dedicated instruments for their professional growth. In this way Tierre Group has been growing in the last years and looks positively at the future challenges.



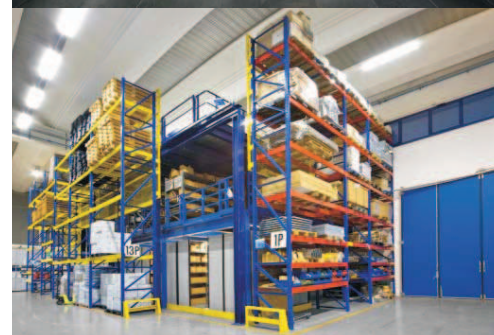




NUCLEAR POWER PLANT



SEMICONDUCTOR INDUSTRY





## 2 VALVE MANIFOLD - REMOTE MOUNTING



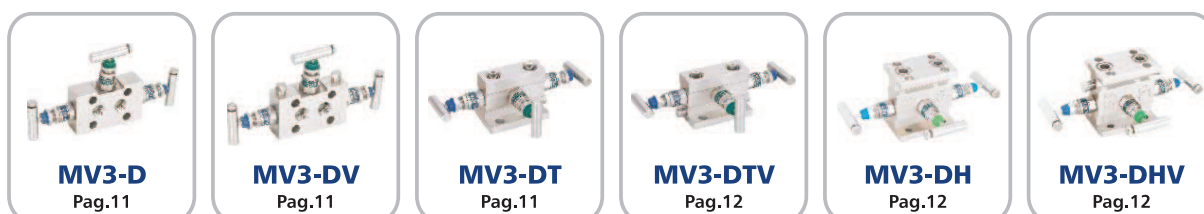
## 2 VALVE MANIFOLD - DIRECT MOUNTING



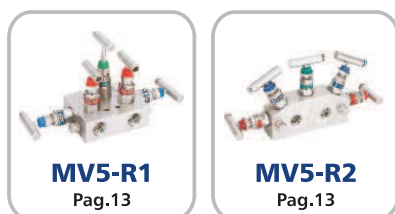
## 3 VALVE MANIFOLD - REMOTE MOUNTING



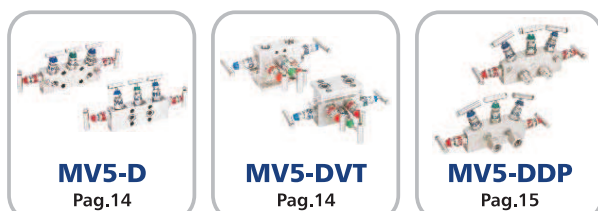
## 3 VALVE MANIFOLD - DIRECT MOUNTING



## 5 VALVE MANIFOLD - REMOTE MOUNTING



## 5 VALVE MANIFOLD - DIRECT MOUNTING







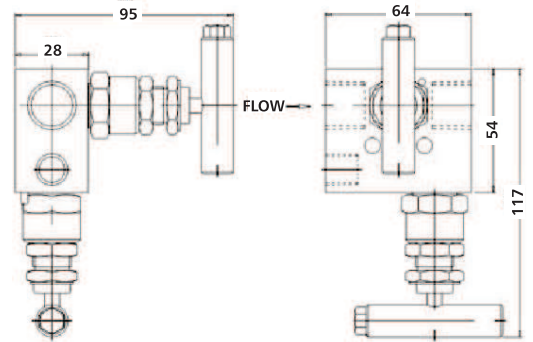
## 2 VALVE MANIFOLD - REMOTE MOUNTING

These calibration manifolds are having one isolating valve of 1/2" connection & one drain valve of 1/4" NPTF out let which can be used for calibration. Compact unit saves space, reduces number of joints resulting in cost reduction. Used with pressure gauges, pressure switches & transmitters. Different options as shown below are available.

### MV2-RF1

**STANDARD SPECIFICATIONS :**

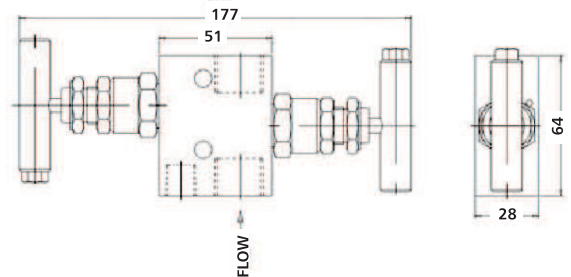
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : 1/2" NPT  
Drain : 1/4" NPT  
Weight: 1,0 Kg



### MV2-RF2

**STANDARD SPECIFICATIONS :**

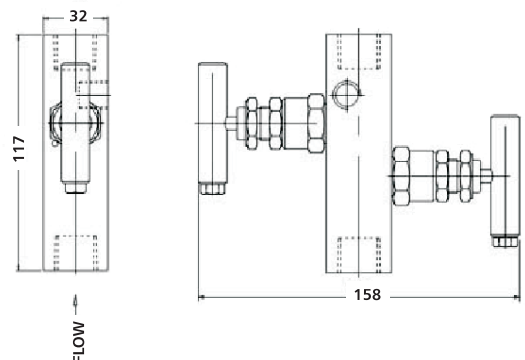
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : 1/2" NPT  
Drain : 1/4" NPT  
Weight: 1,0 Kg



### MV2-RF3

**STANDARD SPECIFICATIONS :**

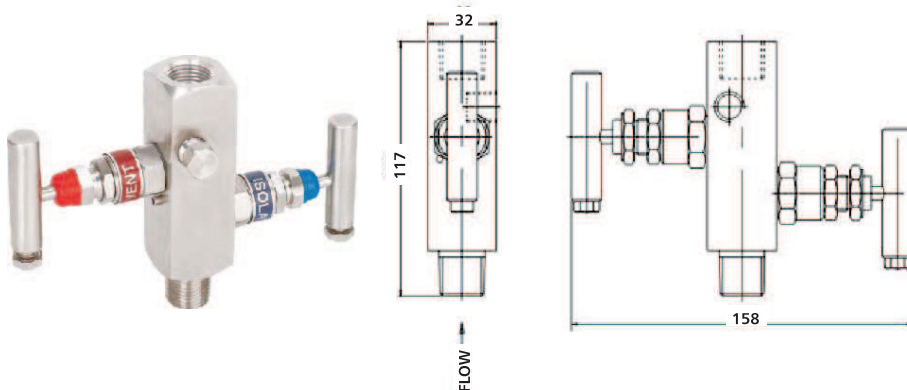
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : 1/2" NPT  
Drain : 1/4" NPT  
Weight: 1,1 Kg



## MV2-RMF

### STANDARD SPECIFICATIONS :

Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : 1/2" NPT  
Drain : 1/4" NPT  
Weight: 1,1 Kg



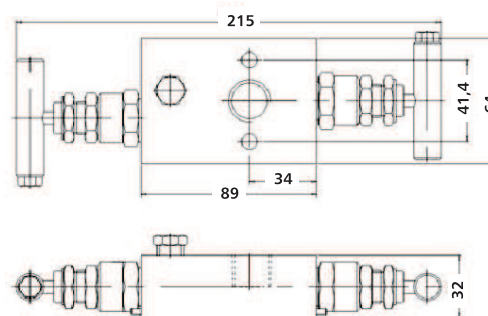
## 2 VALVE MANIFOLD - DIRECT MOUNTING

These manifolds provide a direct mounting feature with the isolating valve & vent/calibration valve in a single unit. This can be directly mounted on the static pressure transmitter to eliminate several parts & joints. Standard process connection is 1/2" NPTF & vent is 1/4" NPTF provided with vent plug.

### MV2-D1

#### STANDARD SPECIFICATIONS :

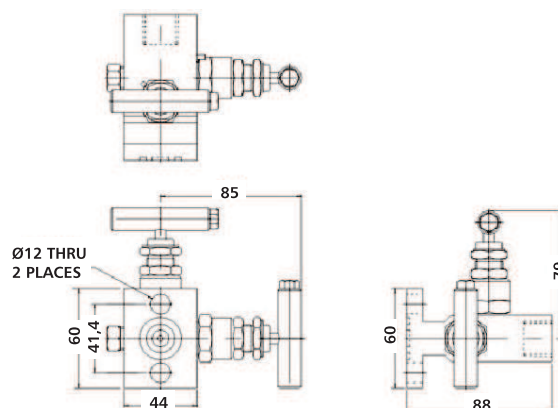
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : Flanged  
Drain : 1/4" NPT  
Weight: 1,1 Kg



### MV2-DT

#### STANDARD SPECIFICATIONS :

Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : Flanged  
Drain : 1/4" NPT  
Weight: 1,1 Kg





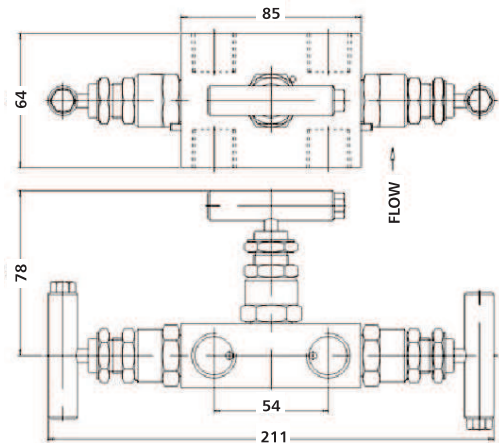
## 3 VALVE MANIFOLD - REMOTE MOUNTING

These manifolds are generally used in differential pressure application with pressure gauges, pressure switches & pressure transmitters. Two isolating valves of 1/2" NPTF inlet & out let & one equilibrizing valve is provided in a single unit 1/4" NPTF vent port is provided as an option.

### MV3-R

**STANDARD SPECIFICATIONS :**

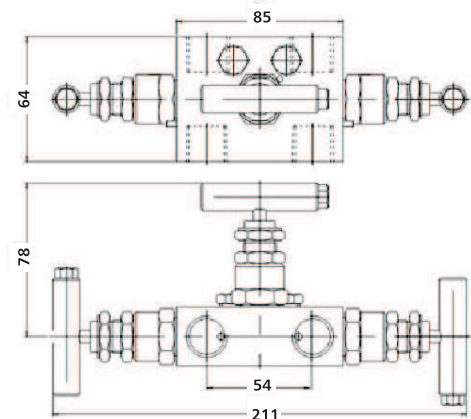
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : 1/2" NPT  
Weight: 1,50 Kg



### MV3-RV1

**STANDARD SPECIFICATIONS :**

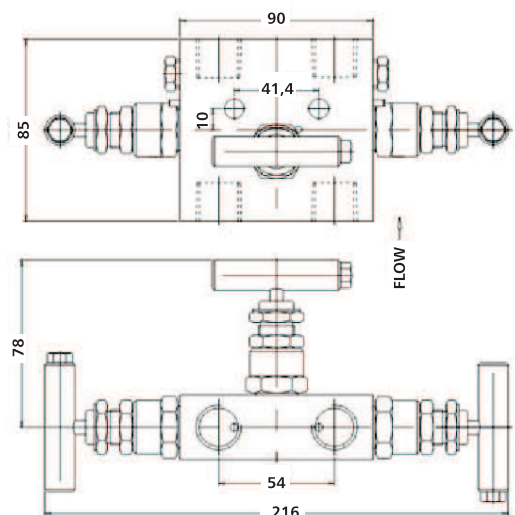
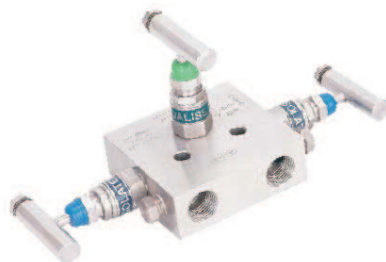
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : 1/2" NPT  
Drain : 1/4" NPT  
Weight: 1,56 Kg



### MV3-RV2

**STANDARD SPECIFICATIONS :**

Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : 1/2" NPT  
Drain : 1/4" NPT  
Weight: 2,00 Kg

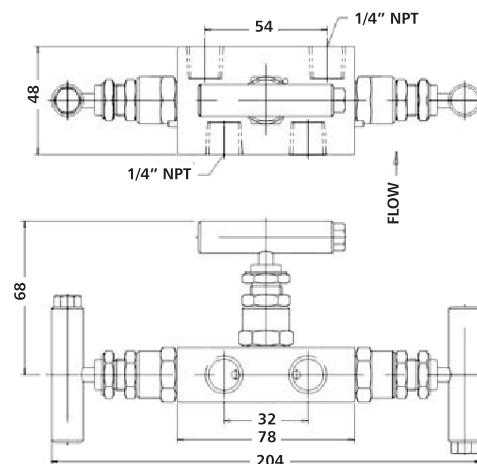
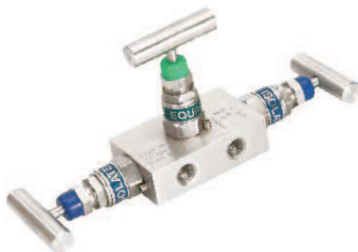


## MV3-RDP-1

Special manifolds for Differential Pressure Gauges

### STANDARD SPECIFICATIONS :

Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/4" NPT  
Standard Instrument Connection : 1/" NPT  
Weight: 1,00 Kg

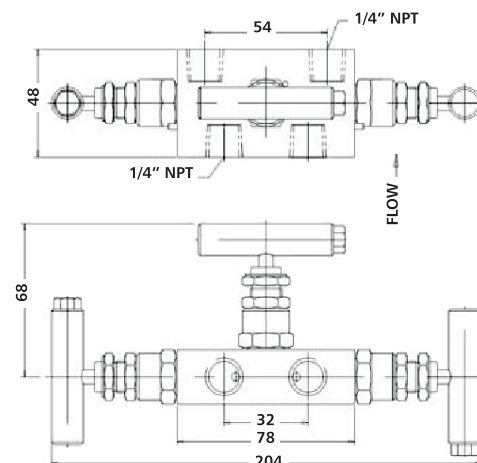
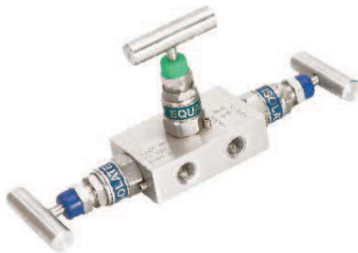


## MV3-RDP-2

Special manifolds for Differential Pressure Gauges

### STANDARD SPECIFICATIONS :

Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/4" NPT  
Standard Instrument Connection : 1/" NPT  
Weight: 1,40 Kg



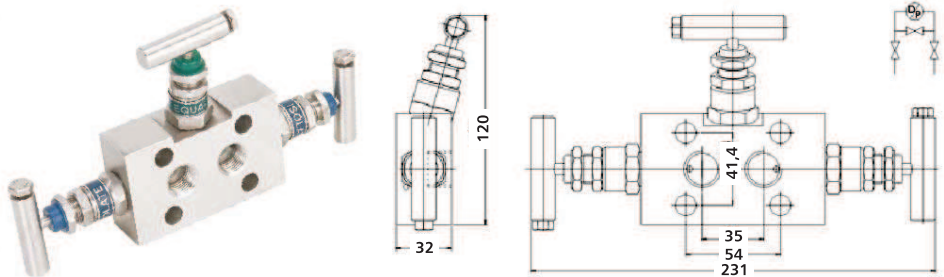
## 3 VALVE MANIFOLD - DIRECT MOUNTING

These manifolds can be directly mounted on the transmitter having 54 mm center to center connection. The inlet is either 1/2" NPTF or flanged & outlet is flanged. Two isolation valves & one equilizer valve is provides along with the 1/4" NPTF drain as an option. These valves are mainly used with Dp transmitter. Different options available as shown.

### MV3-D

**STANDARD SPECIFICATIONS :**

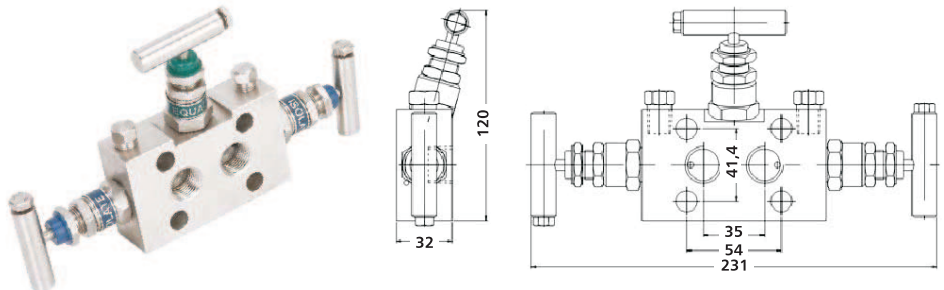
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : Flanged  
Drain : 1/4" NPT  
Weight: 2,00 Kg



### MV3-DV

**STANDARD SPECIFICATIONS :**

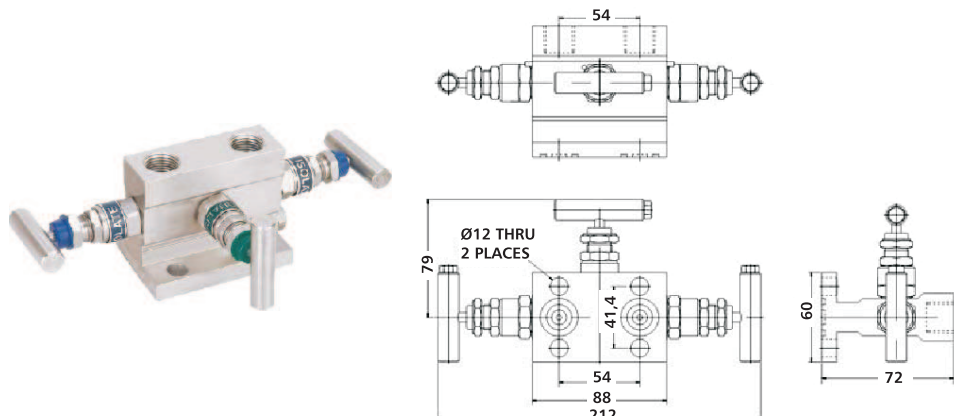
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : Flanged  
Drain : 1/4" NPT  
Weight: 2,00 Kg



### MV3-DT

**STANDARD SPECIFICATIONS :**

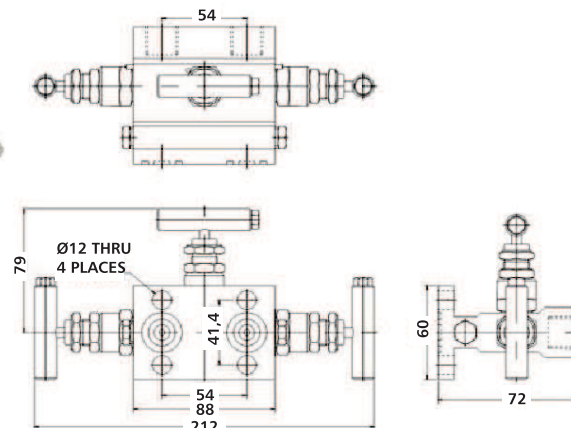
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : Flanged  
Drain : 1/4" NPT  
Weight: 1,90 Kg



## MV3-DTV

### STANDARD SPECIFICATIONS :

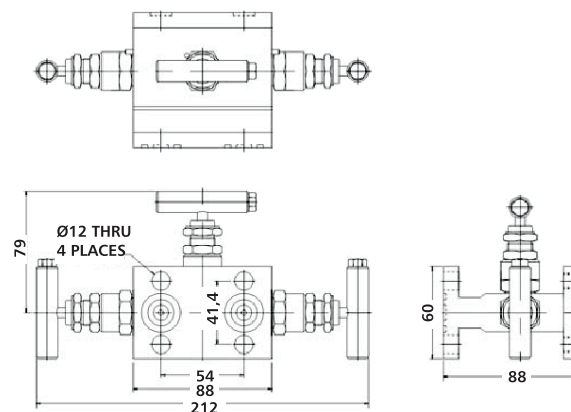
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : Flanged  
Drain: 1/4" NPT  
Weight: 1,90 Kg



## MV3-DH

### STANDARD SPECIFICATIONS :

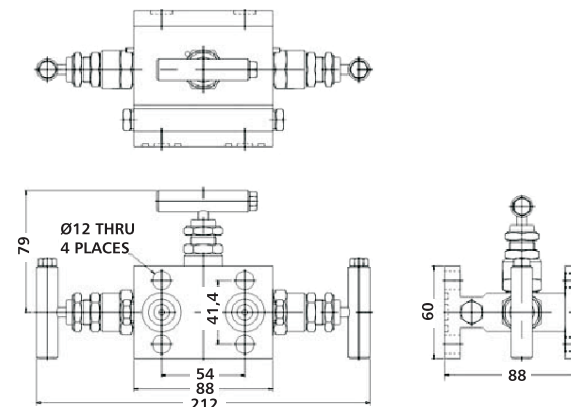
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : Flanged  
Standard Instrument Connection : Flanged  
Drain: 1/4" NPT  
Weight: 2,56 Kg



## MV3-DHV

### STANDARD SPECIFICATIONS :

Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : Flanged  
Standard Instrument Connection : Flanged  
Drain: 1/4" NPT  
Weight: 2,56 Kg





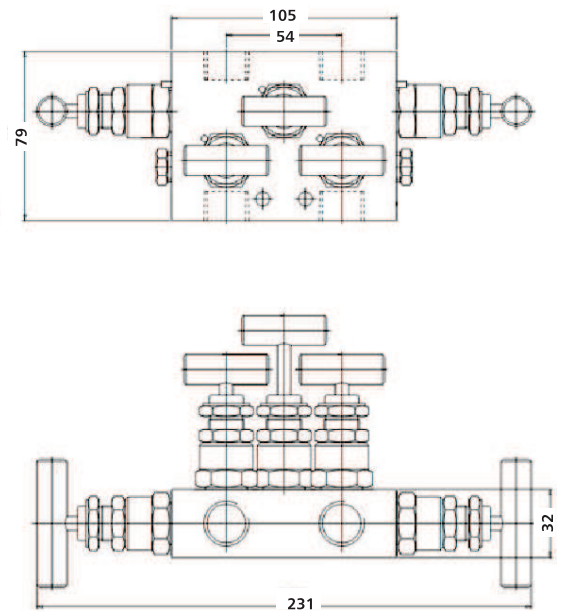
## 5 VALVE MANIFOLD - REMOTE MOUNTING

These manifolds are designed for remote mounting an instruments using threaded instrument & process connections. These valves are having two isolation, one equalizer & two vent/calibration valves. The standard process & instruments connections are 1/2" NPT. Two vent connections are 1/4" NPT in all manifolds & provided with blanking plugs. The instrument connections are positioned at 54 mm center distances but can easily be used with instruments other than 54 mm C.D via screwed fittings. Different options are available as shown.

### MV5-R1

**STANDARD SPECIFICATIONS :**

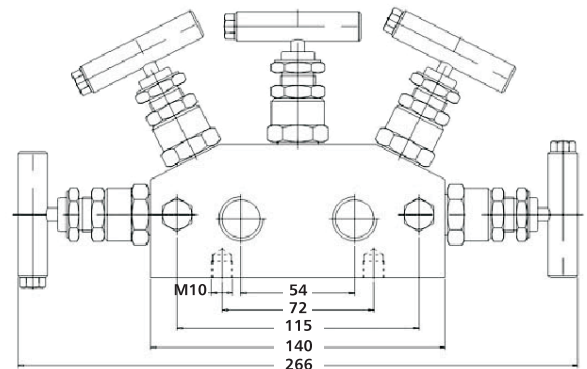
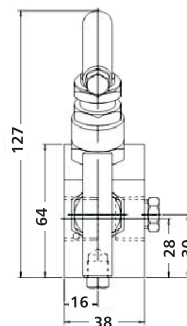
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : 1/2" NPT  
Drain : 1/4" NPT  
Weight: 2,70 Kg



### MV5-R2

**STANDARD SPECIFICATIONS :**

Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : 1/2" NPT  
Drain : 1/4" NPT  
Weight: 3,30 Kg



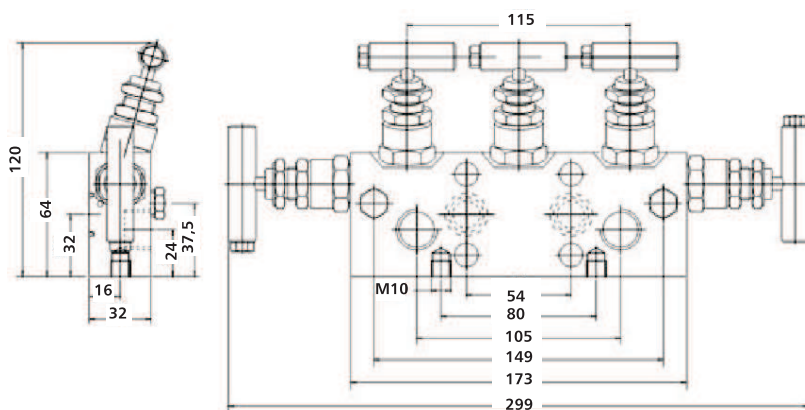
## 5 VALVE MANIFOLD - DIRECT MOUNTING

These valves are designed for direct mounting to differential transmitter. The instruments side is provided with a standard flange of 54 mm center distance. These valves are having two isolation, one equalizer & two vent/calibration valves. The standard process & instruments connections are 1/2" NPT. Two vent connections are 1/4" NPT in all manifolds & provided with blanking plugs. Different options are available as shown.

### MV5-D

#### STANDARD SPECIFICATIONS :

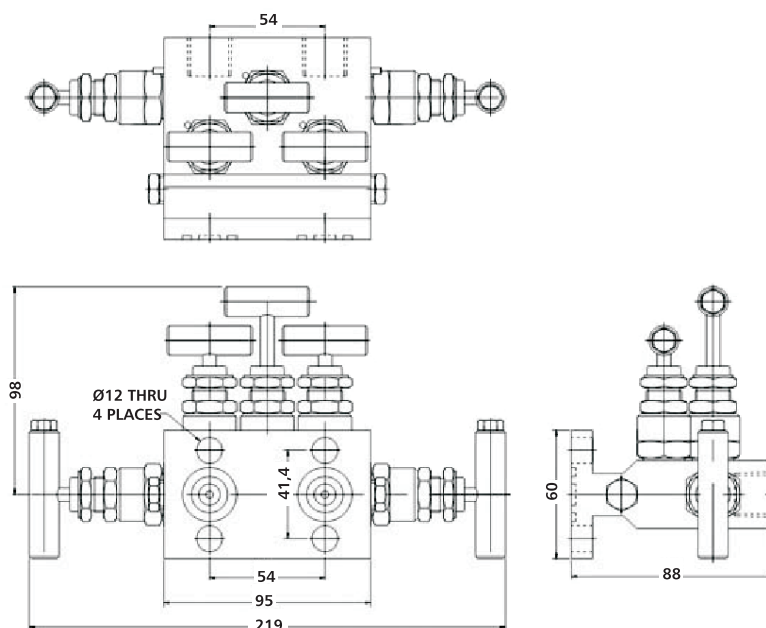
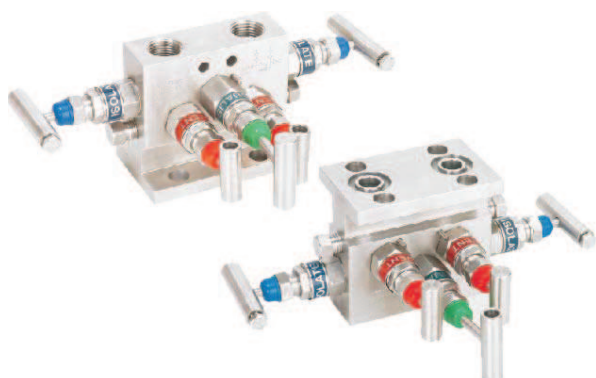
Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : Flanged  
Drain : 1/4" NPT  
Weight: 3,30 Kg



### MV5-DT

#### STANDARD SPECIFICATIONS :

Maximum Working Pressure : 400 bar/6000 PSI  
Maximum Temperature : 240° C  
Material : Stainless Steel/Carbon Steel  
Gland Packing : PTFE  
Standard Process Connection : 1/2" NPT  
Standard Instrument Connection : Flanged  
Drain : 1/4" NPT  
Weight: 2,90 Kg



## MV5-DDP

### STANDARD SPECIFICATIONS :

Maximum Working Pressure : 400 bar/6000 PSI

Maximum Temperature : 240° C

Material : Stainless Steel/Carbon Steel

Gland Packing : PTFE

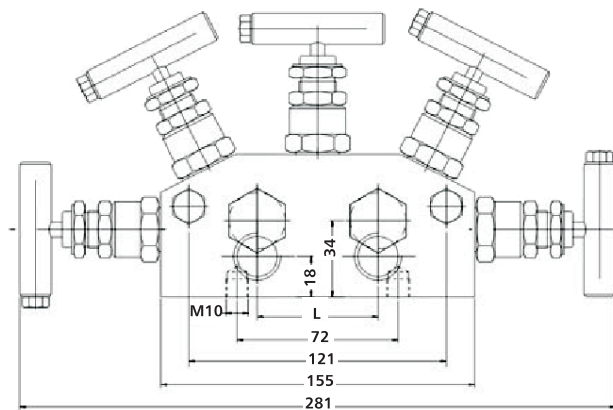
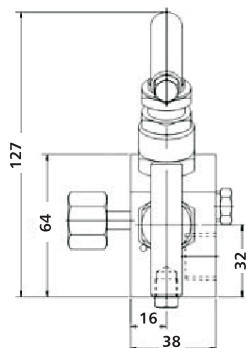
Standard Process Connection : 1/2" NPT

Standard Instrument Connection : Swivel

nut G 1/2" - 1/2" NPT

Drain: 1/4" NPT

Weight: 1,90 Kg



L: 37mm or 54mm



