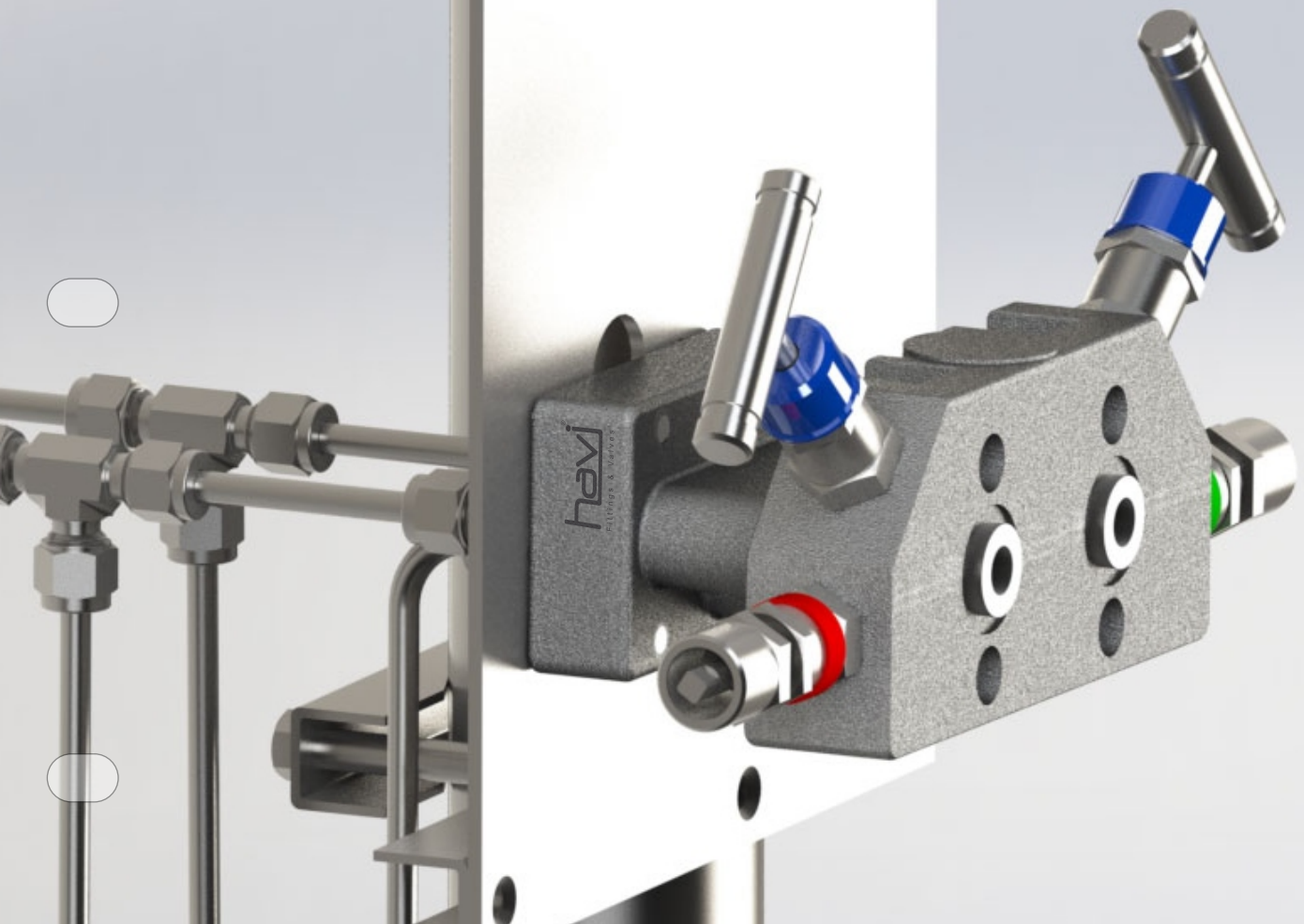


# Modular Manifold Systems



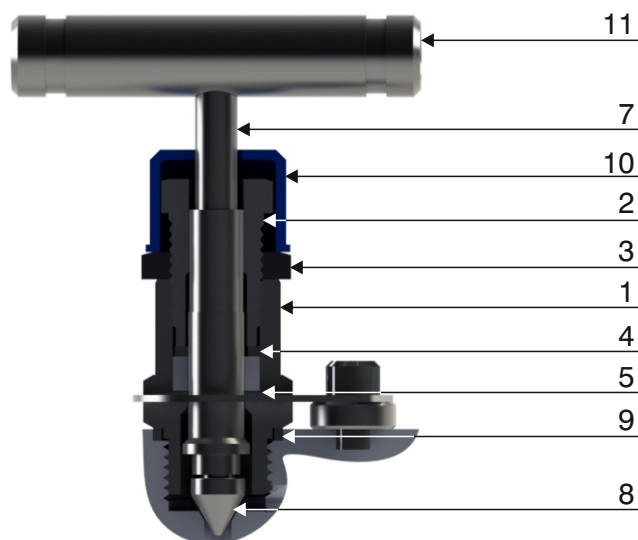
HAVI Modular Mounting Manifolds are specifically designed with butterfly mounting arrangement which is compatible with the Shell specification for Process Instrumentation.

·A standard series of 2 Valve & 4 Valve manifolds for pressure measurement. The Instrument Manifolds provide Isolate & Drain function for local instrument or indicator mounting. ·Hydrostatic Test certificate along with complete chemical & physical material certificates.

The main distinction of MMV series is that it eliminates the need for extra mounting accessories & reduces pipe work on site as these specially designed Manifolds can be easily assembled to a standard mounting plate

- All valves are appropriately color coded & labeled.
- Standard PTFE stem packing.
- Process & Drain end connection with locking arrangement.
- Standard material grade manufactured is SS316.
- Instrument mounting face in accordance with DIN 19213.
- Cast Manifold body CF8M/ASTM A351

## Bonnet Assembly Features



| Sl | Description         | Material |
|----|---------------------|----------|
| 1  | Bonnet              | SS 316   |
| 2  | Pusher              | SS 316   |
| 3  | Check Nut           | SS 316   |
| 4  | Packing             | SS 316   |
| 5  | Packing             | PTFE     |
| 6  | Locking Arrangement | SS 304   |
| 7  | Spindle             | SS 316   |
| 8  | Tip                 | SS 316   |
| 9  | Packing             | SS 316   |
| 10 | Dust Cap            | LDPE     |
| 11 | Handle              | SS 304   |

Metal to Metal Seating arrangement

Seals as a standard in PTFE and Grphoil as option

Thread rolled and Burnished Sealing area

Silver plated Pusher for Anti Galling

Easily removable Bonnet Locking arrangement

Differential hardened Tip for better life

Non-rotating Tip design

Blow out proof design of Spindle

Color coding for Bonnet application

Anti tamper arrangement Drain and Equalise Bonnets

## Four Valve Modular Manifold System

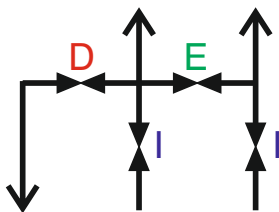
Model : 4MMVA

2 Isolation, 1 Drain, 1 Equalise

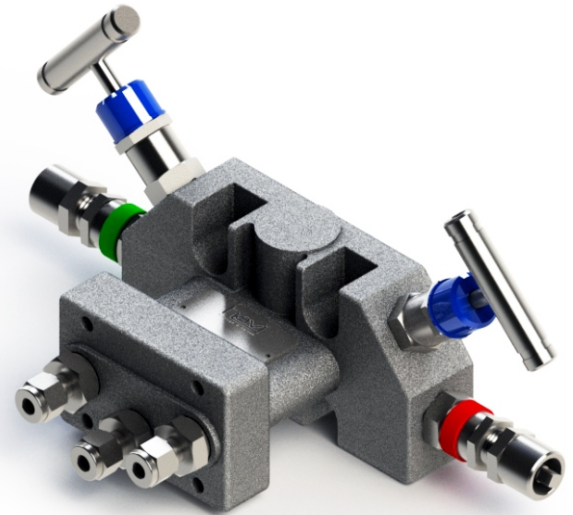
Directly mounted on transmitter at a center distance of 54.00 mm

Supplied along with Mounting Bolts, Seals and Nut

Anti Tamper Drain and Equalise Bonnets



I - Isolate  
E - Equalise  
D - Drain



## Four Valve Modular Manifold System

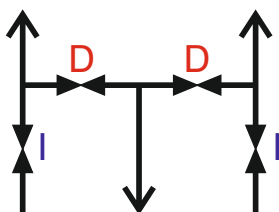
Model : 4MMVB

2 Isolation, 2 Drain

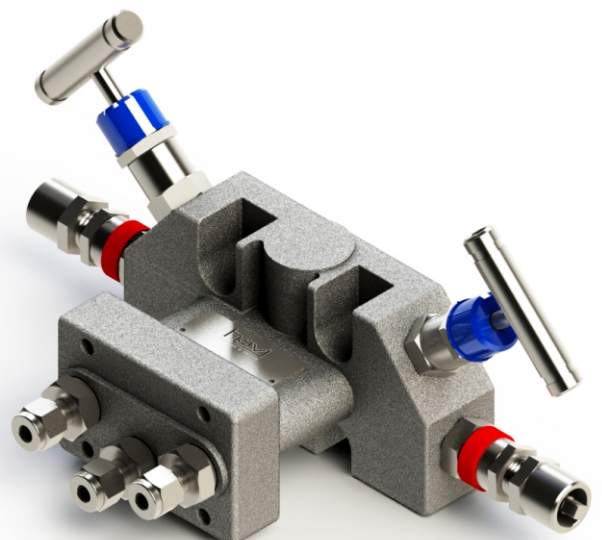
Directly mounted on transmitter at a center distance of 54.00 mm

Supplied along with Mounting Bolts, Seals and Nut

Anti Tamper Drain Bonnets



I - Isolate  
D - Drain



## Two Valve Modular Manifold System

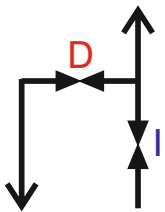
### Model : 2MMVA

1 Isolation, 1 Drain

Directly mounted on transmitter at a center distance of 54.00 mm

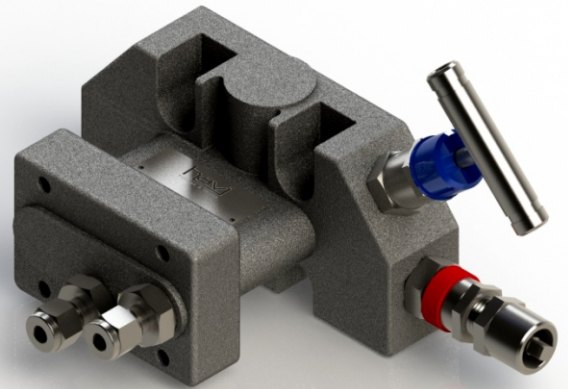
Supplied along with Mounting Bolts, Seals and Nut

Anti Tamper Drain Bonnets



I - Isolate

D - Drain



## Two Valve Modular Manifold System

### Model : 2MMVB

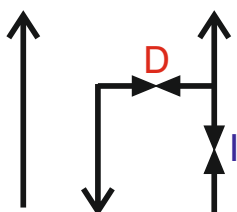
1 Isolation, 1 Drain

Directly mounted on transmitter at a center distance of 54.00 mm

Supplied along with Mounting Bolts, Seals and Nut

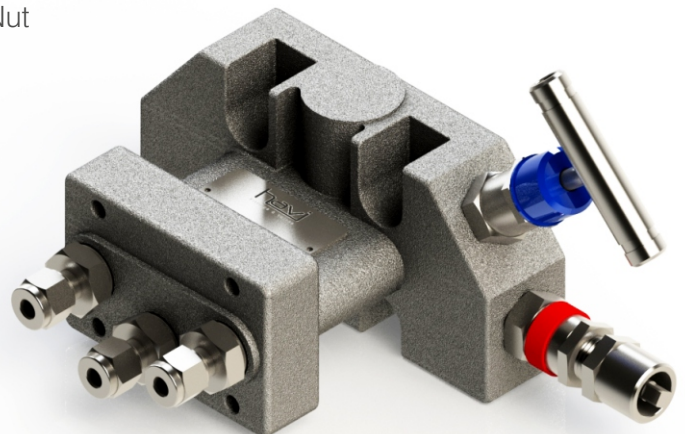
Anti Tamper Drain Bonnets

Used for Low Pressure applications



I - Isolate

D - Drain



## Two Valve Modular Manifold System

### Model : 2MMVC

1 Isolation, 1 Drain

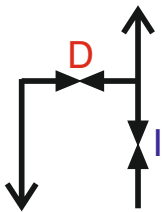
Directly connected to transmitter or Pressure gauges

Supplied along with Mounting Bolts, Seals and Nut

Anti Tamper Drain Bonnets

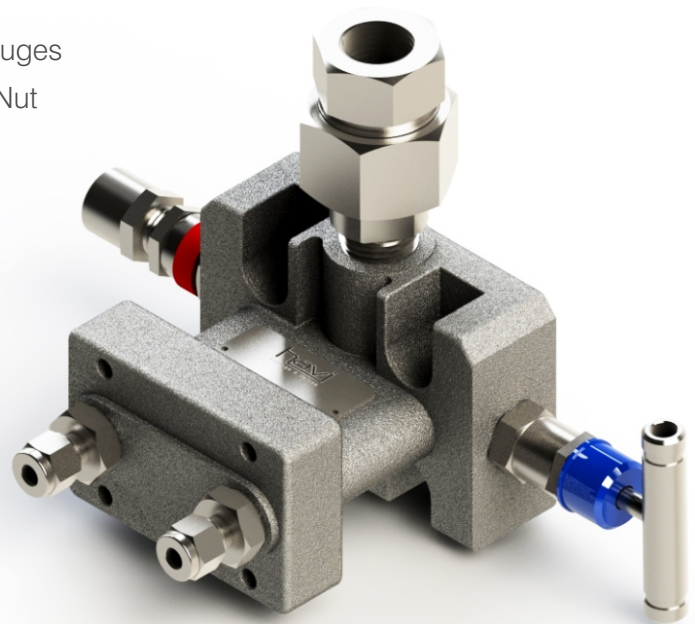
Gauge Adaptor integral with the Manifold

for 360 deg positioning



I - Isolate

D - Drain



## Ordering Information

| 2MMVA                      | 6MT                      | P                   | S6                       | N                      |
|----------------------------|--------------------------|---------------------|--------------------------|------------------------|
| Model Number               | Inlet & Drain Connection | Material of Packing | Material of Construction | Additional Information |
| Male Connector size        |                          |                     |                          |                        |
| 6MT - 6mm x 1/4" BSPP      |                          |                     |                          |                        |
| 4T - 1/4" x 1/4" BSPP      |                          |                     |                          |                        |
| 10MT - 10mm x 1/4" BSPP    |                          |                     |                          |                        |
| 6T - 3/8" x 1/4" BSPP      |                          |                     |                          |                        |
| P - PTFE                   |                          |                     |                          |                        |
| G - Graphoil               |                          |                     |                          |                        |
| S6 - Stainless Steel 316   |                          |                     |                          |                        |
| S6L - Stainless Steel 316L |                          |                     |                          |                        |
| B - Brass                  |                          |                     |                          |                        |
| C - Carbon Steel           |                          |                     |                          |                        |
| M - Alloy 400              |                          |                     |                          |                        |
| H - Alloy C276             |                          |                     |                          |                        |
| T - Titanium               |                          |                     |                          |                        |
| LH - Locking Handle        |                          |                     |                          |                        |
| N - NACE                   |                          |                     |                          |                        |

## Filling Connector

Ordering Information :

FC-6MT (6mm Tube Fitting) / FC-4T (1/4" Tube Fitting)

Soft Seated Non Return Valve integral with Body

Directly Mounted on Transmitter face with 54mm center distance

Retaining cap fixed with chain

Supplied with Bolts, Seals and Nuts

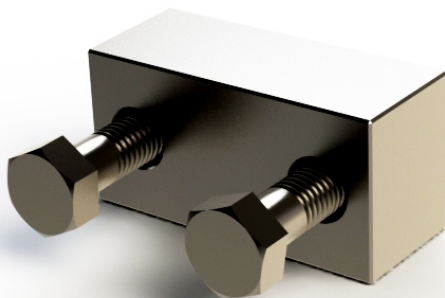
Working pressure of 6000 psi



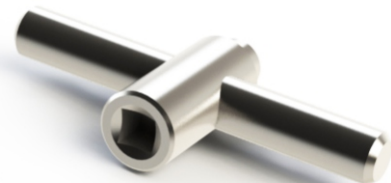
## Blind Flange

Ordering Information :

BF



## Anti Tamper Bonnet Key



## Mounting Plate

Ordering Information :

MPA

For mounting of Manifold, protection shade

Suitable for mounting on 2" Pipe Stand

All Fasteners, Brackets and Clamps are included

MOC : SS316

