

Manifolds (MF)

Manifolds are pressure equalising valves that are intended for bypassing pressure instruments to enable equalisation of the pressure at the high and low pressure sides during start-up of the pressure system, with zero-inspection of the instrument during operations. In addition to this, they isolate pressure instruments for inspection and replacement purposes. They are integral isolating valves during the hydro static pressure test of the system, beyond the pressure rating of the instrument.

These manifolds feature integral purging valves to enable air bleeding and purging of the system while the pressure instrument is operative. These pressure equalising valves for differential pressure gauges are suitable for liquid and gaseous pressure media.

Special Features

Low torque and smooth operation of valve handle even at high pressure

NACE certified wetted parts available

3-way manifolds isolate each port and equalise pressure for instrument maintenance

5-way valve manifolds isolate and bleed the process for each port as well as equalise pressure for instrument maintenance

316 stainless steel construction

Externally adjustable gland (optional)

Maximum pressure rating PN400

Industrial Applications

Chemical and fertiliser

Petrochemical

Thermal, nuclear and hydroelectric power stations

Pharmaceutical

Food processing

Water treatment plants

Iron and steel

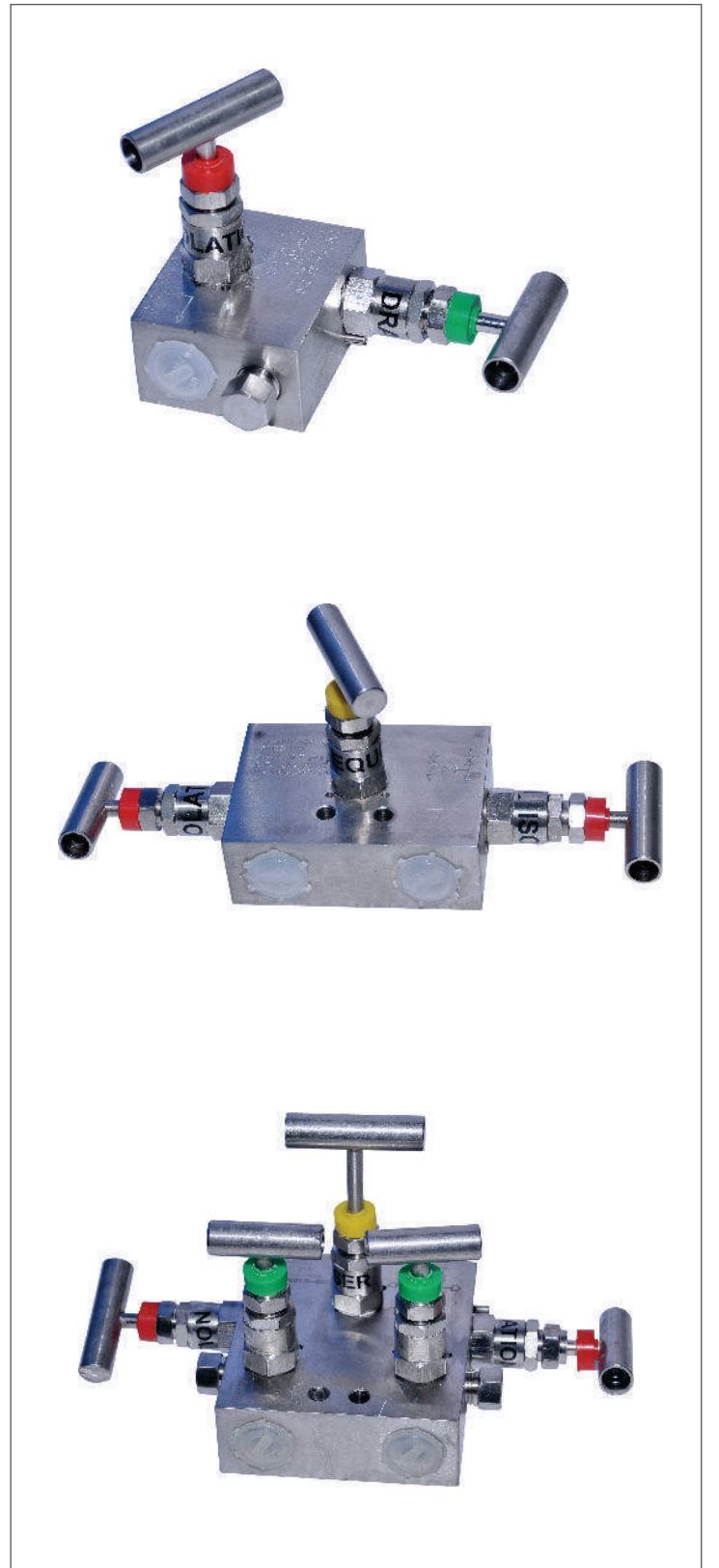
Rubber moulding / processing plants

Hydraulics and pneumatics

Sugar

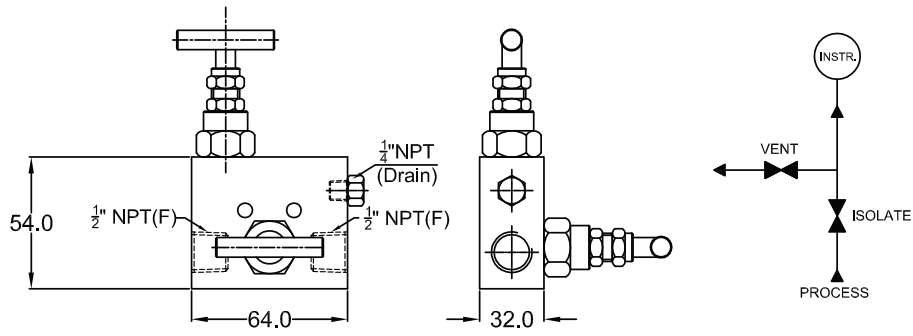
Refineries

Hydraulic power packs

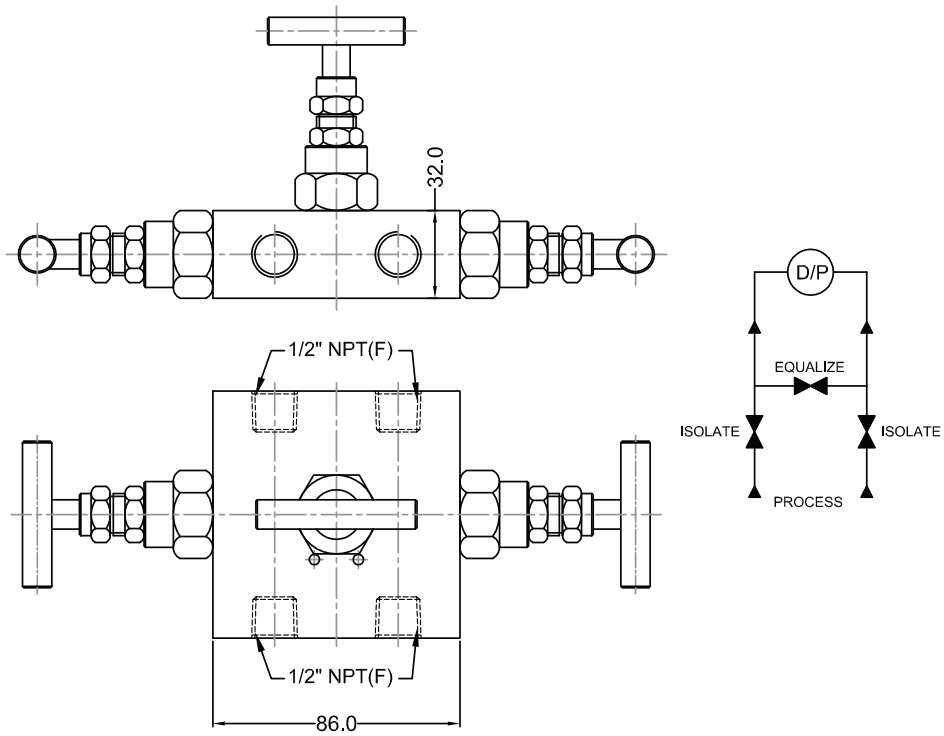


Dimensional Drawings

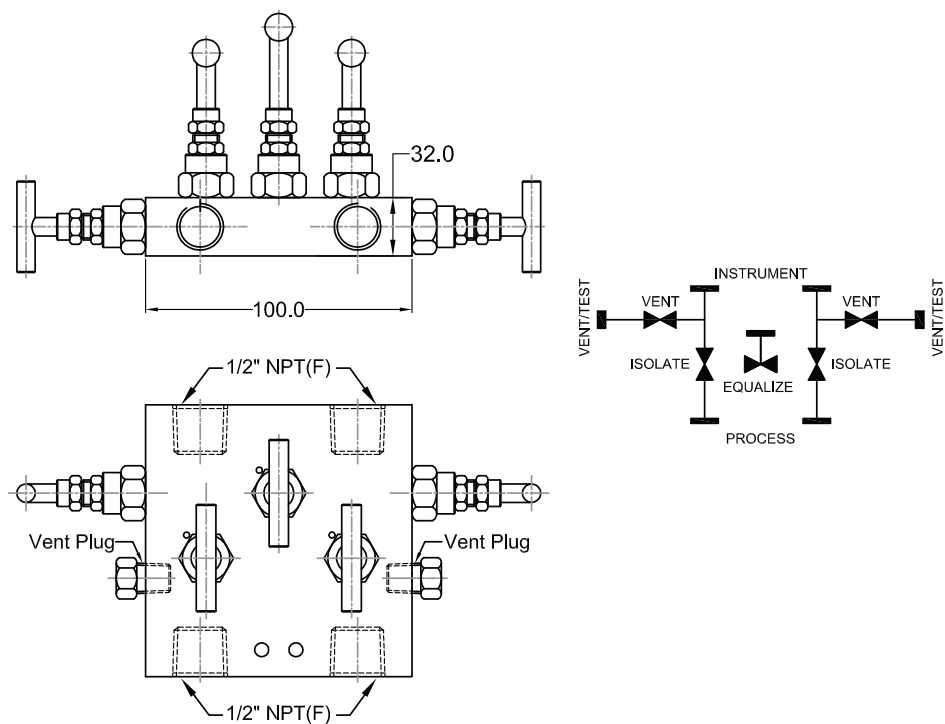
2 - Way



3 - Way



5 - Way



Ordering Information

MF * * * * * * *

Type	
2-Way square block	1
3-Way square block	2
5-Way square block	3
3-Way T-type	9
5-Way T-type	0
3 Way H-type	7
5 Way H-type	8

Tests and Certificates	
EN 102043.1 B certificate	E
Hydro test	H
IBR	I
NACE	N
Third party inspection	T
Not applicable	A
Special requirement please specify	

Instrument Connection Size	
M20 x 1.5P	1
1/4"	A
3/8"	B
1/2"	C

Material of Construction of Manifolds	
SS 316	I
SS 316L	L
SS 304	S
Monel 400	M
Inconel 825	A

Instrument Connection Size	
NPT(F)	D
BSP(F)	E
BSPT(F)	F
Metric thread(F)	T

Process Connection Size	
M20 x 1.5P	1
1/4"	A
3/8"	B
1/2"	C

Process Connection Size	
NPT(F)	D
BSP(F)	E
BSPT(F)	F
Metric thread(F)	T

Ordering example : MF1CDCDSA (standard)



Forbes Marshall
Krohne Marshall
Forbes Marshall Arca
Codel International
Forbes Solar
Forbes Vyncke
Forbes Marshall Steam Systems

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