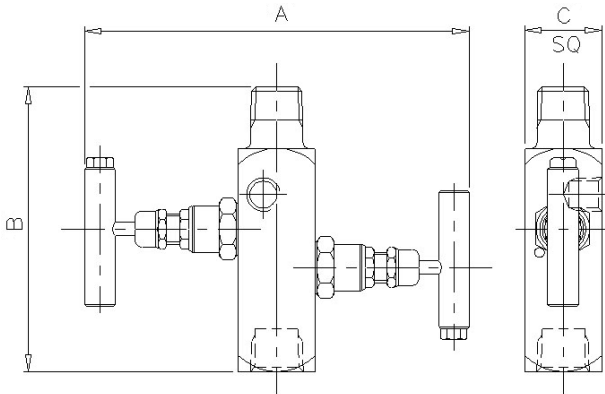




Product Data Sheet

G12MF, MM, FM Type 2 Valve Manifold



The 'G12' Type 2 valve manifold is designed for remote mounting to static pressure transmitters. The separate vent valve gives full control of venting of the instrument, plus the ability to calibrate in-situ. Each needle valve head is designed for safe and reliable isolation, giving bubble tight shut off, with non-rotating & anti-galling tip and dynamic self-adjusting spindle seal to give long service life in a variety of service conditions.

Part No.	Connections Size	A	B	C	Weight (Kgs)
G12MF	1/2" M x F	6.3	4.7	1.3	0.9
G12MM	1/2" M x M	6.3	5.4	1.3	0.9
G12FM	1/2" F x M	6.3	4.7	1.3	0.9

Key Features of the Oliver Needle Valve range

- Non rotating tip - self centering & anti-galling
- Piston ring - gives dynamic adjustment of gland seal in response to pressure change
- Anti-blow out spindle - a major safety feature
- Secure seal - precision machined to give leak free operation for the life of the valve. Available in either PTFE or Grafoil

Standard Specification

Pressure: 6000psi	Packing: PTFE	Handle: T-Bar	Bore: 0.21" (5.4mm)
Temp: 240 deg C	Thread form: NPT	Seat: Metal to metal	CV: 0.46
1/2" Inlet / Outlet Connections		1/4" NPT Vent Connection	

Ordering Code

(Typical example) →		G12MF	S	/	BT	/	AT
Type							
G12MF - Male x Female							
G12MM - Male x Male							
G12FM - Female x Male							
Material							
S - 316S31 Stainless Steel							
M - Monel (400)							
HC - Hastalloy (C276)							
(Others available)							
Optional Connections (NPT Standard)							
BT - BSP Taper							
BP - BSP Parallel (top sealing)							
BTV - BSP Taper Vent							
BPV - BSP Parallel Vent							
BW-SCH*** - Butt weld (Schedule ***)							
FSW - Female Socket Weld							
MSW - Male Socket Weld							
Options							
AG - Grafoil							
AT - Anti-Tamper							
BKTC - Carbon steel mounting bracket							
BKTS - Stainless steel mounting bracket							
HL - Handle Locking							
HL-PI - Handle Locking + Position Indicator							
HP - 10000 psi							
HW - Hand Wheel							
LT100 - Cryogenic Head Unit (-100°C)							
LT200 - Cryogenic Head Unit (-200°C)							
MT - Metering Tip							
MTG - Tapped Mounting Holes x 2							
NA - NACE MR-01-75 (latest revision)							
OXY - Oxygen Cleaned							
PK - PEEK Soft Tip							
PP - Blank Plug In Vent Connection							
2H - Straight through mounting holes x 2							