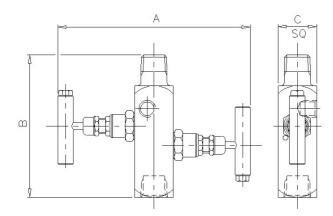




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#### **Product Data Sheet**

# 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	Α	В	С	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	½" 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	1	ВТ
pe				
12MF - Male x Female 12MM - Male x Male 12FM - Female x Male				
aterial				
6 - 316S31 Stainless Steel 7 - Monel (400)	HC - Hastalloy (C276) (Others available)			
ptional Connections (NPT Stan	dard)			
BT - BSP Taper BP - BSP Parallel (top sealing) BTV - BSP Taper Vent BPV - BSP Parallel Vent	BW-SCH*** - Butt weld FSW - Female Socket \ MSW - Male Socket We	Neld	***)	

#### **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

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