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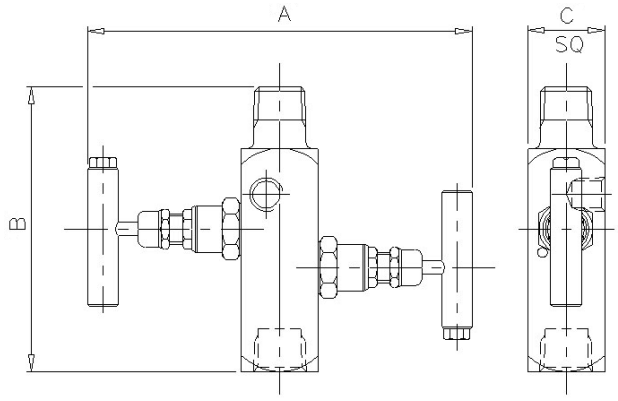
Product Data Sheet	G12MF, MM, FM Type 2 Valve Manifold



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	A	B	C	Weight (Kgs)
G12MF	½" M x F	6.3	4.7	1.3	0.9
G12MM	½" 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	/	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
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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