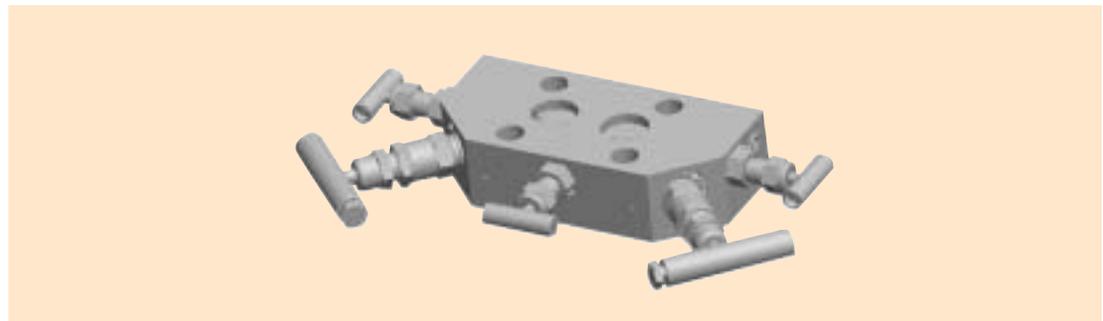


Kerotest KMC5G 5-Valve Integral Manifold



Product Brief

The KMC5G is an integral manifold, intended for use with a specific transmitter brand. This model manifold is designed for Rosemount® Transmitter Models 3051, 2024 and 3095. They are light-weight and small, making an integrated package when mounted directly to and installed with the transmitter. The KMC5G manifold is also designed to be compatible with Rosemount Coplanar™ pressure transmitters including Models 3051C and 3051P.

Features/Benefits

- **Ball end stem.** Hardened, non-rotating ball ensures exact leak-tight closure every time.
- **Field-serviceable soft seat.** Allows replacement with valve still in the line.
- **Isolated stem threads.** Packing below stem threads keeps solids away. Prevents process contamination.
- **Bubble-tight shutoff.**
- **Chrome-plated stainless steel stem** prevents freezing and galling.
- **Metal-to-metal seal between bonnet and body.** Maintains thread integrity, prevents bonnet breakage and ensures reliable seal.
- **Locking pin ensures safety.** Bonnet lock pin keeps bonnet and body together.
- **Adjustable bonnet packing.** Increases valve life and maintains integrity of stem threads.
- **Rolled stem and bonnet threads** for increased strength and life.
- **No more stem blowouts.** No-blackout stem design prevents blowout problems and removal while in use.
- **Less parts** mean less leak points and less fugitive emissions.

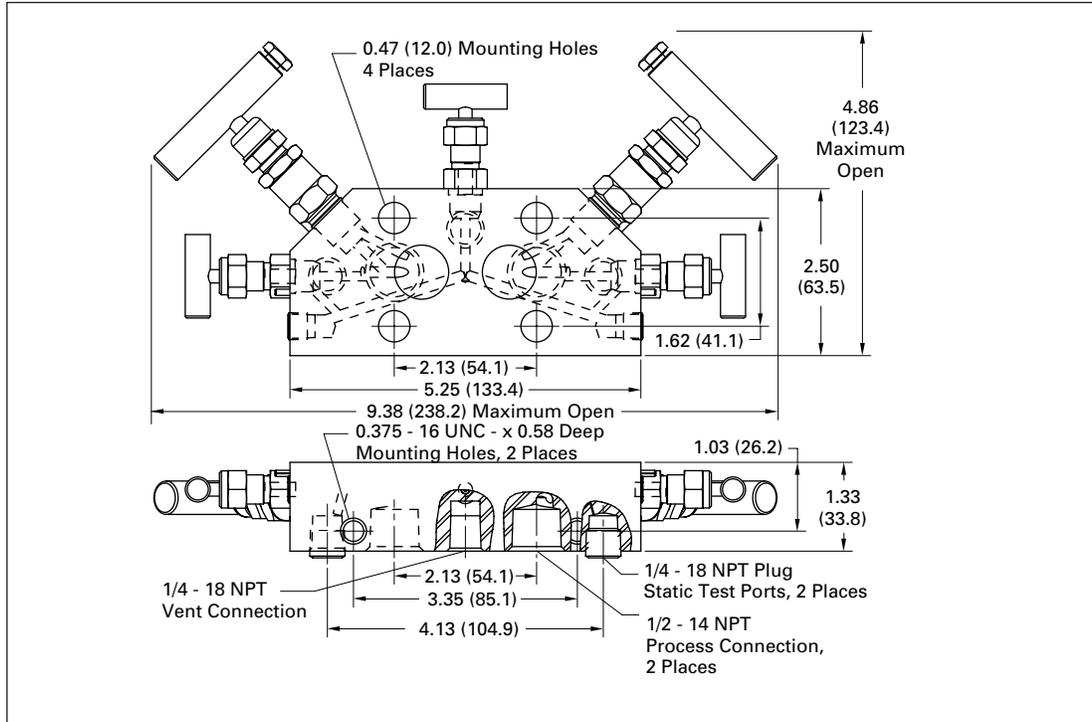


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Specifications

Dimensions in Inches (mm)



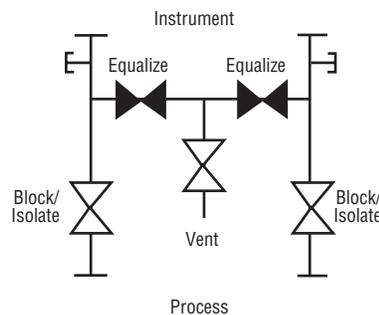
Standard Materials

Valve ①	Body and Bonnet	Stem and Ball	Packing
SS	A479-316 316	A276-316 316	Teflon®
SG ②	A479-316 316/Monel®	Monel 400 Monel K500	Teflon
SG3 ③	Hastelloy® C-276	Hastelloy C-276 Stellite	Teflon

Pressure and Temperature Ratings

Valve	Ratings
SS, SG ②, SG3 ③	6000 psig at 200°F (414 bar at 93°C) 4000 psig at 500°F (276 bar at 260°C)

- ① Approximate valve weight: 4.8 lb (2.2 kg)
0.136-inch (3.5 mm) diameter orifice.
Cv = .24, full open.
- ② SG (Sour Gas) meets the requirements of NACE MR0175-2002.
- ③ SG3 (Sour Gas) meets the requirements of NACE MR0175-2003.



Kerotest KMC5G 5-Valve Integral Manifold

Ordering Information – KMC (Rosemount Coplanar Only)

KMC	<u>5G</u> 1.	<u>V</u> 2.	<u>I</u> 3.	<u>S</u> 4.	–	<u>4</u> 5.	–	<u>PS</u> 6.
Style			4. Body Material			6. Options		
KMC – Coplanar			S – 316 SS J – Hastelloy			AL – Low Temperature Lubricant (Low Temperature Service -70°F) Not Available for CS Valves		
1. Type			5. End Connection			AM – KMC Mount Kit for 2-Inch Pipestand Mounting		
5G – Five Valve (Gas) (ΔP) 5P – Five Valve (Power) (ΔP)			4 – 1/2-Inch FNPT			BL – Bonnet Lock Device		
2. Packing						CB – Ceramic Ball Ended Stem		
V – Teflon						CL – Cleaned for Chlorine Service		
3. Seat						OC – Cleaned for Oxygen Service		
I – Integral (Body Material)						HD – Hydrostatic Testing		
						SG – Sour Gas Meets the Requirements of NACE MR0175-2002		
						SG3 – Sour Gas Meets the Requirements of NACE MR0175-2003		
						ST – Stellite Ball Ended Stem		
						SB – Steam Block		
						PS – Static Test Ports (Required for KMC5G)		
						SP – Special Requirements – Please Specify		

Note: Bolts and gaskets are not included; contact factory if bolts or gaskets are required.

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