



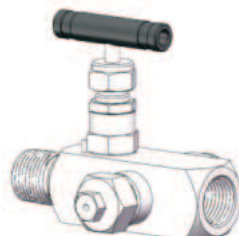
Gauge Valves

GV Series

Contents

General-Purpose Gauge Valves (GV1 Series)

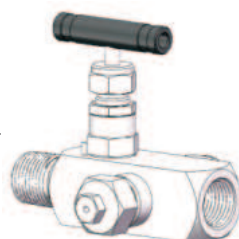
- ❖ Maximum working pressure up to 6000 psig (413 bar)
- ❖ Working temperature:
 - PTFE packing: from -65°F to 450°F (-53°C to 232°C)
 - Graphite packing: from -65°F to 1200°F (-53°C to 648°C)



10-3

High-Pressure Gauge Valves (GV2 Series)

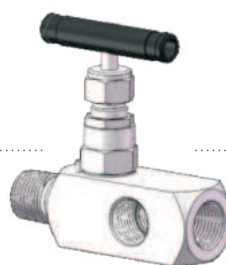
- ❖ Maximum working pressure up to 10000 psig (689 bar)
- ❖ Working temperature:
 - PTFE packing: from -65°F to 450°F (-53°C to 232°C)
 - Graphite packing: from -65°F to 1200°F (-53°C to 648°C)



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Gauge Valves (GV3 Series)

- ❖ Maximum working pressure up to 6000 psig (413 bar)
- ❖ Working temperature:
 - PTFE packing: from -65°F to 450°F (-53°C to 232°C)



10-9

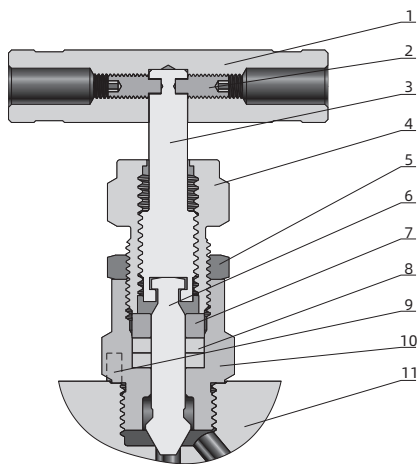
General-Purpose Gauge Valves

GV1 Series

Features

- ❖ Maximum working pressure up to 6000 psig (413 bar)
- ❖ Working temperature:
 - PTFE** packing: from -65°F to 450°F (-53°C to 232°C)
 - Graphite** packing: from -65°F to 1200°F (-53°C to 648°C)
- ❖ Orifice size: 0.16" (4.0 mm)
- ❖ Non-rotating lower stem
- ❖ Safety back seating seals in fully open position
- ❖ Rolled spindle operating threads
- ❖ Upper stem and lower stem design, stem threads above packing protected from system media
- ❖ Bonnet locking pin fitted as standard
- ❖ Low torque operating T bar handle
- ❖ Handle of different colors available for option

Standard Materials of Construction



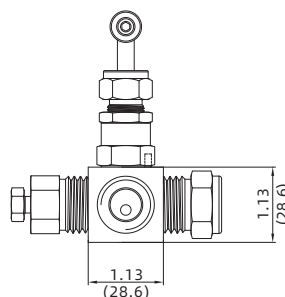
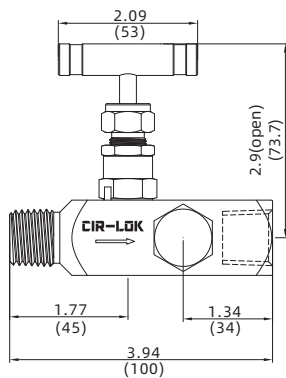
Component		Material Grade / ASTM Specification	
		316 S.S.	Alloy 400
1	Handle	Anodized aluminum or stainless steel	
2	Set Screw	Galvanized steel	
3	Upper Stem	316 S.S. / A276	
4	Packing Bolt	316 S.S. / A276	
5	Nut	630 S.S. / B783	
6	Lower Stem	Chrome-plated 316 S.S. / A276	Alloy R-405 / B164
7	Gland	316 S.S. / A276	
8	Packing	PTFE or graphite	
9	Pin	304 S.S.	
10	Bonnet	316 S.S. / A479	Alloy 400 / B164
11	Body	316 S.S. / A479 316 S.S. / A182	Alloy 400 / B164, B127, B564

Pressure vs. Temperature

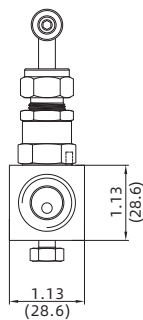
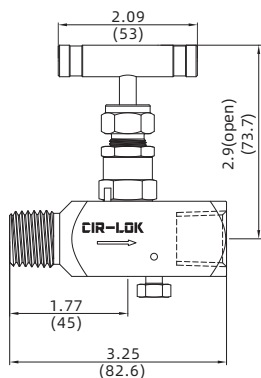
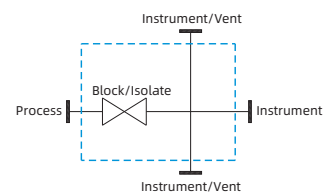
Material Name	316 S.S.	Alloy 400	Alloy 20	Alloy 600	Alloy C-276
Temperature, °F (°C)	Working Pressure, psig (bar)				
-65 (-53) to 100 (37)	6000 (413)	5000 (344)	5000 (344)	6000 (413)	6000 (413)
200 (93)	5160 (355)	4400 (303)	4640 (319)	5600 (385)	6000 (413)
250 (121)	4910 (338)	4260 (293)	4500 (310)	5460 (376)	6000 (413)
300 (148)	4660 (322)	4120 (283)	4360 (300)	5320 (366)	6000 (413)
350 (176)	4470 (307)	4050 (279)	4185 (288)	5220 (359)	5975 (411)
400 (204)	4280 (293)	3980 (274)	4010 (276)	5120 (352)	5880 (405)
450 (232)	4130 (284)	3970 (273)	3955 (272)	5030 (346)	5710 (393)
500 (260)	3980 (274)	3960 (272)	3900 (268)	4940 (340)	5540 (381)
600 (315)	3760 (259)	—	3790 (261)	4780 (329)	5040 (347)
650 (343)	3680 (253)	—	3750 (258)	4700 (323)	4905 (337)
700 (371)	3620 (250)	—	3710 (255)	4640 (319)	4730 (325)
750 (398)	3560 (245)	—	3665 (252)	4430 (305)	4430 (305)
800 (426)	3520 (243)	—	3600 (248)	4230 (291)	4230 (291)
850 (454)	3480 (240)	—	—	4060 (279)	4060 (279)
900 (482)	3460 (239)	—	—	3745 (258)	3745 (258)
950 (510)	3220 (221)	—	—	2725 (187)	3220 (221)
1000 (537)	3030 (209)	—	—	1800 (124)	3030 (208)
1050 (565)	3000 (206)	—	—	1155 (79.5)	3000 (206)
1100 (593)	2545 (175)	—	—	770 (53.0)	2685 (184)
1150 (621)	1970 (135)	—	—	565 (38.9)	2285 (157)
1200 (648)	1545 (107)	—	—	515 (35.4)	1545 (106)

❖ Based on graphite stem packing.

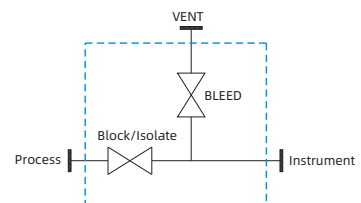
Dimensions



Multi-port



Single-port



How to Order

GV1 — NPT8 — FNPT8 — SR1 — G — 316

Series	Inlet Type	Inlet Size	Outlet Type	Outlet Size	Body Type	Handle	Packing Material	Body Material
GV1	FNPT Female NPT	4 1/4 in.	Same as inlet type and inlet size		M Multi-port	Black Aluminum	PTFE	316 316 S.S.
	NPT Male NPT	6 3/8 in. or 6 mm			S Single-port	R1 Red Aluminum	G Graphite	316L 316L S.S.
	FBT Female BSPT	8 1/2 in. or 8 mm	If outlet and inlet are the same, eliminate the outlet designator			S1 Stainless Steel		304 304 S.S.
	MBT Male BSPT	12 3/4 in. or 12 mm						304L 304L S.S.
	FMS Female Metric	20 M20 x 1.5						A20 Alloy 20
	MS Male Metric (for BG)							A400 Alloy 400
	FBP Female BSPP							A600 Alloy 600
	MBP Male BSPP (for BG)							A825 Alloy 825
								A276 Alloy C276
								DU7 Duplex 2507

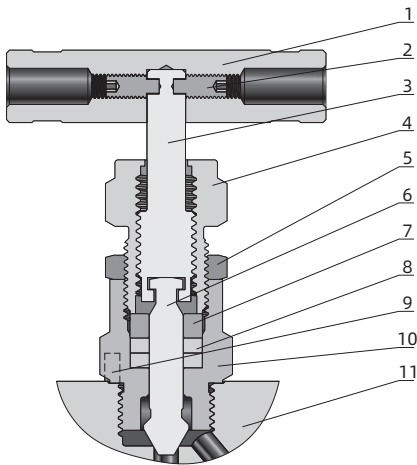
High-Pressure Gauge Valves

GV2 Series

Features

- ❖ Maximum working pressure up to 10000 psig (689 bar)
- ❖ Working temperature:
 - PTFE** packing: from -65°F to 450°F (-53°C to 232°C)
 - Graphite** packing: from -65°F to 1200°F (-53°C to 648°C)
- ❖ Orifice size: 0.16" (4.0 mm)
- ❖ Non-rotating lower stem
- ❖ Safety back seating seals in fully open position
- ❖ Rolled spindle operating threads
- ❖ Upper stem and lower stem design, Stem threads above packing protected from system media
- ❖ Bonnet locking pin fitted as standard
- ❖ Low torque operating T bar handle
- ❖ Handle of different colors available for option

Standard Materials of Construction



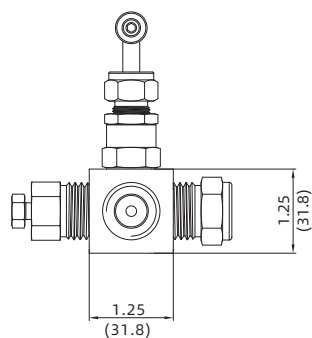
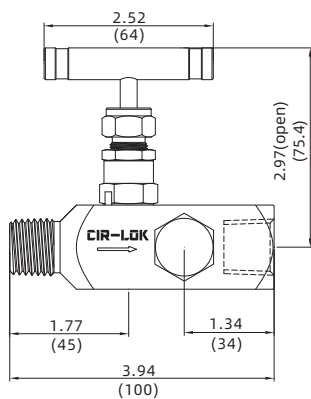
Component		Material Grade / ASTM Specification	
		316 S.S.	Alloy 400
1	Handle	Anodized aluminum or stainless steel	
2	Set Screw	Galvanized steel	
3	Upper Stem	316 S.S. / A276	
4	Packing Bolt	316 S.S. / A276	
5	Nut	630 S.S. / B783	
6	Lower Stem	Chrome-plated 316 S.S. / A276	Alloy R-405 / B164
7	Gland	316 S.S. / A276	
8	Packing	PTFE or graphite	
9	Pin	304 S.S.	
10	Bonnet	316 S.S. / A479	Alloy 400 / B164
11	Body	316 S.S. / A479 316 S.S. / A182	Alloy 400 / B164, B127, B564

Pressure vs. Temperature

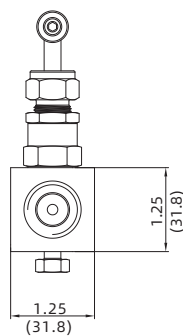
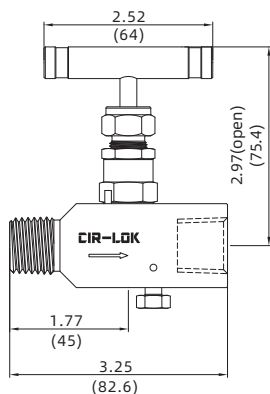
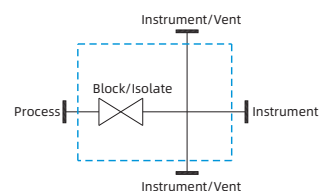
Material Name	316 S.S.	Alloy 400	Alloy 20	Alloy 600	Alloy C-276
Temperature, °F (°C)	Working Pressure, psig (bar)				
-65 (-53) to 100 (37)	10000 (689)	10000 (689)	10000 (689)	10000 (689)	10000 (689)
200 (93)	9290 (640)	7920 (546)	10000 (689)	10000 (689)	10000 (689)
250 (121)	8840 (609)	7667 (528)	9711 (669)	9711 (669)	9711 (669)
300 (148)	8390 (578)	7415 (511)	9408 (648)	9408 (648)	9408 (648)
350 (176)	8045 (554)	7290 (502)	9323 (642)	9323 (642)	9323 (642)
400 (204)	7705 (530)	7165 (494)	9239 (637)	9239 (637)	9239 (637)
450 (232)	7435 (512)	7147 (492)	9144 (630)	9144 (630)	9144 (630)
500 (260)	7165 (493)	7130 (491)	9060 (624)	9060 (624)	9060 (624)
600 (315)	6770 (466)	7130 (491)	9070 (625)	9070 (625)	9070 (625)
650 (343)	6660 (458)	—	8825 (608)	8825 (608)	8825 (608)
700 (371)	6480 (446)	—	8515 (587)	8515 (587)	8515 (587)
750 (398)	6335 (436)	—	7970 (549)	7970 (549)	7970 (549)
800 (426)	6230 (429)	—	7610 (524)	7610 (524)	7610 (524)
850 (454)	6085 (419)	—	—	7305 (503)	7305 (503)
900 (482)	5905 (406)	—	—	6740 (464)	6740 (464)
950 (510)	5795 (399)	—	—	4905 (338)	5795 (399)
1000 (537)	5450 (375)	—	—	3240 (223)	5450 (375)
1050 (565)	5400 (372)	—	—	2085 (143)	4835 (333)
1100 (593)	4835 (333)	—	—	1390 (95)	4115 (283)
1150 (621)	4115 (283)	—	—	1020 (70)	2775 (191)
1200 (648)	3085 (212)	—	—	925 (63)	1620 (111)

❖ Based on graphite stem packing.

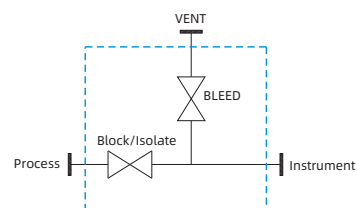
Dimensions



Multi-port



Single-port



How to Order

GV2 — NPT8 — FNPT8 — SR1 — G — 316

Series	Inlet Type	Inlet Size	Outlet Type	Outlet Size	Body Type	Handle	Packing Material	Body Material
GV2	FNPT Female NPT	4 1/4 in.	Same as inlet type and inlet size		M Multi-port	Black Aluminum	PTFE	316 316 S.S.
	NPT Male NPT	6 3/8 in. or 6 mm			S Single-port	R1 Red Aluminum	G Graphite	316L 316L S.S.
	FBT Female BSPT	8 1/2 in. or 8 mm	If outlet and inlet are the same, eliminate the outlet designator			S1 Stainless Steel		304 304 S.S.
	MBT Male BSPT	12 3/4 in. or 12 mm						304L 304L S.S.
	FMS Female Metric	20 M20 x 1.5						A20 Alloy 20
	MS Male Metric (for BG)							A400 Alloy 400
	FBP Female BSPP							A600 Alloy 600
	MBP Male BSPP (for BG)							A825 Alloy 825
								A276 Alloy C276
								DU7 Duplex 2507

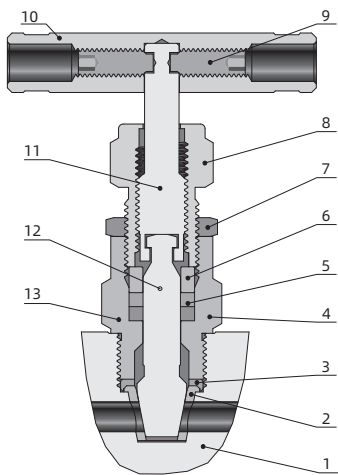
Gauge Valves

GV3 Series

Features

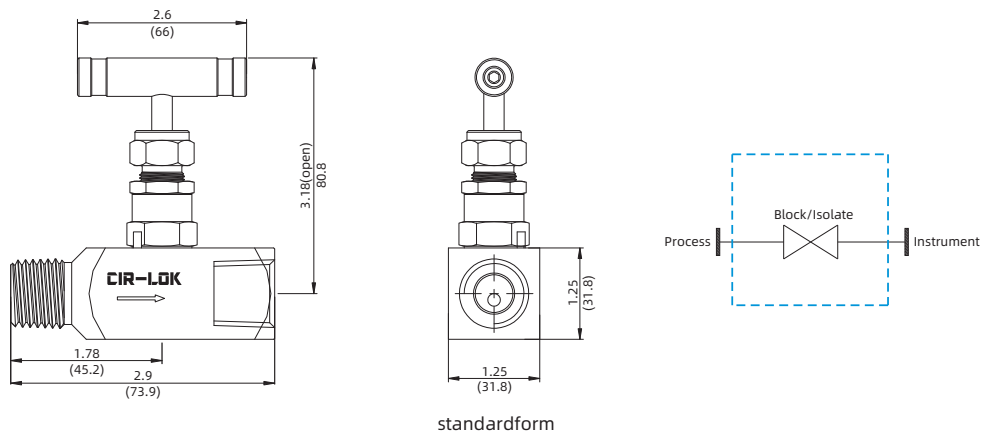
- ❖ The maximum working pressure is up to 6000psi (413bar)
- ❖ Working temperature:
 - PTFE packing: from -65°F to 450°F (-53°C to 232°C)
- ❖ Orifice size: 0.19"(4.8mm), 0.25"(6.4mm)
- ❖ The lower valve stem does not rotate
- ❖ Fully open position back seal design
- ❖ The upper valve stem thread has rolling teeth and high strength
- ❖ Two section valve stem structure, with the valve stem thread located above the packing, unaffected by the system medium
- ❖ Bar shaped handle for easy operation

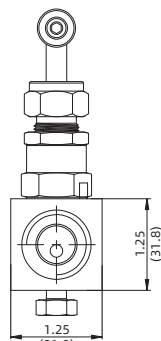
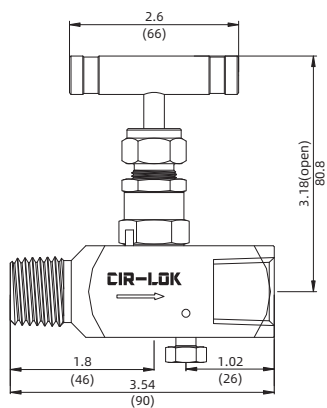
Standard Materials of Construction



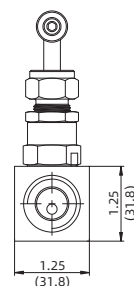
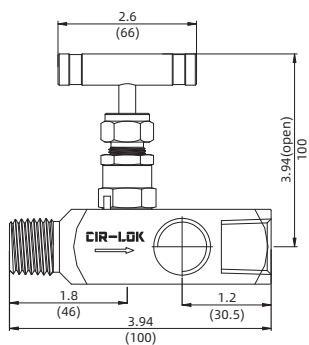
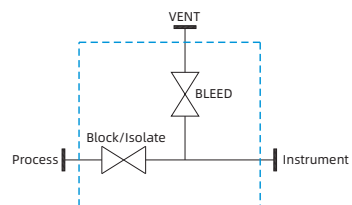
Component		Material Grade / ASTM Specification
1	Body	316 S.S./A479
2	Seat	PEEK
3	Seat Retainer	316 S.S./A479
4	Bonnet	316 S.S./A479
5	Stem Packing	PTFE/D1710
6	Gland	316.S.S/A479
7	Nut	630.S.S/B783
8	Packing Nut	316.S.S/A479
9	Set Screw	Galvanized Steel
10	Handle	Anodized aluminum or stainless steel
11	Upper Stem	316 S.S./A479
12	Lower stem	316 S.S./A479
13	Pin	304 S.S.

Dimensions

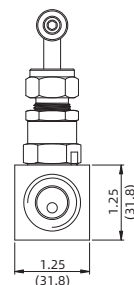
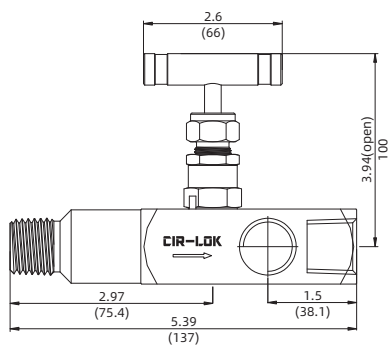
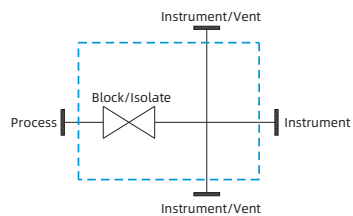




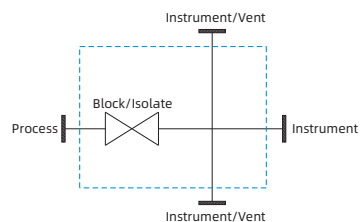
single-port



Multi-port



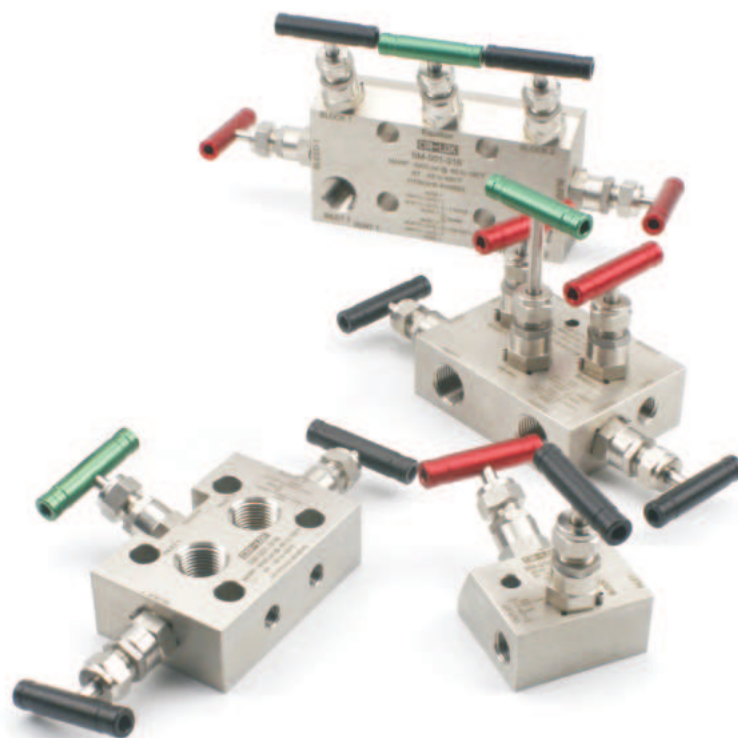
Lengthening



How to Order

GV3 — NPT8 — FNPT8 — SR1 — P — 316

Series	Inlet Type	Inlet Size	Outlet Type	Outlet Size	Body Type	Handle	Plug	Body Material
GV3	FNPT Female NPT	4 1/4 in.	Same as inlet type and inlet size		Standard form		Without plug	316 316 S.S.
	NPT Male NPT	6 3/8 in. or 6 mm			S Single-port	R1 Red Aluminum	P With plug	316L 316L S.S.
	FBT Female BSPT	8 1/2 in. or 8 mm			M Multi-port	S1 Stainless Steel		304 304 S.S.
	MBT Male BSPT	12 3/4 in. or 12 mm	L Lengthening		304L 304L S.S.			
	FMS Female Metric	20 M20 x 1.5						
	MS Male Metric (for BG)							
	FBP Female BSPP							
	MBP Male BSPP (for BG)							

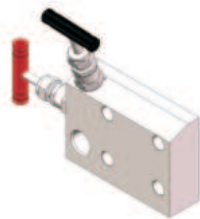


Instrumentation Manifolds

2M, 3M and 5M Series

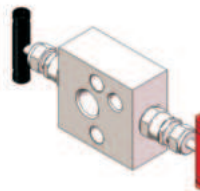
Contents

2M-201-316



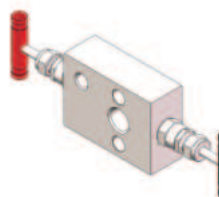
10-16

2M-202-316



10-16

2M-203-316



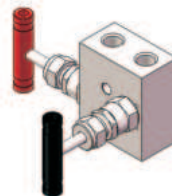
10-17

2M-204-316



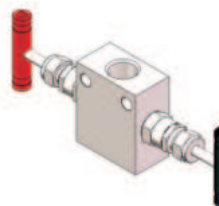
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2M-205-316



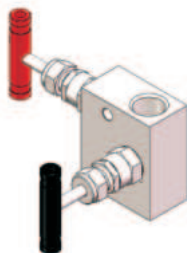
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2M-206-316



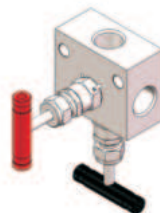
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2M-207-316



10-18

2M-210-316



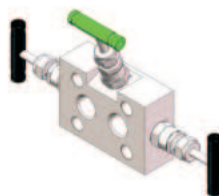
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2M-XX-XX-316



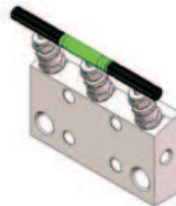
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3M-301-316



10-20

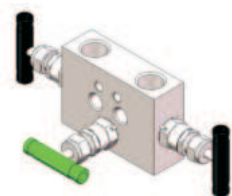
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10-20

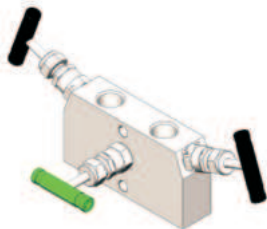
Contents

3M-303-316



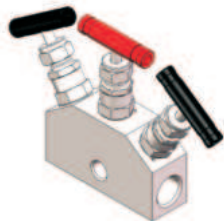
10-21

3M-304-316



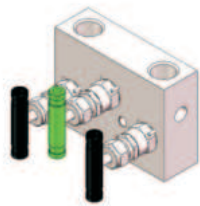
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3M-305-316



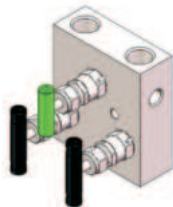
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3M-306-316



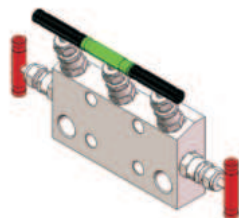
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3M-307-316



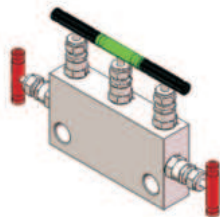
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5M-501-316



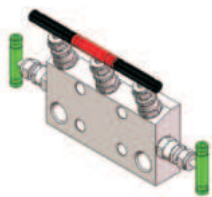
10-22

5M-502-316



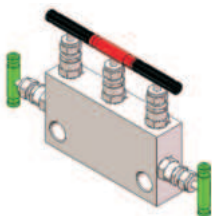
10-23

5M-503-316



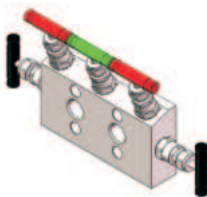
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5M-504-316



10-23

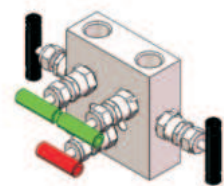
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10-24

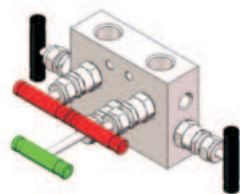
Contents

5M-506-316



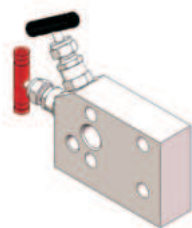
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5M-507-316



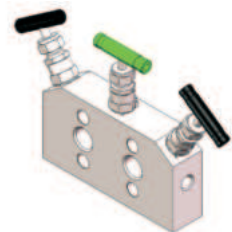
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2M-201R-316



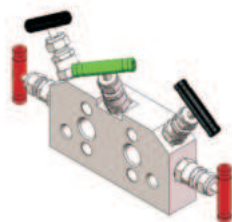
10-25

3M-301R-316



10-25

5M-501R-316



10-25

General Information

- ❖ Instrument manifolds are manufactured in accordance with ANSI B31.1, B31.3 and MSS-SP-105
- ❖ 2-valve manifolds are used with pressure gauges or pressure transmitters
- ❖ 3-valve and 5-valve manifolds are used with differential pressure transmitters

Features

- ❖ Working pressure:
 - Stainless steel up to 6000 psig (413 bar)
 - Alloy C-276 up to 6000 psig (413 bar)
 - Alloy 400 up to 5000 psig (345 bar)
- ❖ Working temperatures:
 - PTFE** packing from -65°F to 450°F (-53°C to 232°C)
 - Graphite** packing from -65°F to 1200°F (-53°C to 648°C)
- ❖ Orifice: 0.157 in. (4.0 mm), CV: 0.35
- ❖ Upper stem and lower stem design, Stem threads above packing protected from system media
- ❖ Safety back seating seals in fully open position
- ❖ Testing for every valve with nitrogen at the maximum working pressure

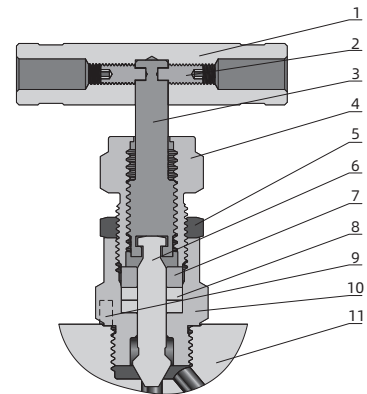
Pressure-Temperature Ratings

Body Material	316 Stainless steel	Alloy C-276	Alloy 400
Temperature, °F (°C)	Working Pressure, psig (bar)		
-65(-53) to 100 (37)	6000 (413)	6000 (413)	5000 (344)
200 (93)	5260 (355)	6000 (413)	4400 (303)
300 (148)	4660 (321)	6000 (413)	4120 (283)
400 (204)	4280 (294)	5880 (405)	3980 (274)
500 (260)	3980 (274)	5540 (381)	3960 (272)
600 (315)	3760 (259)	5040 (347)	—
700 (371)	3600 (248)	4730 (325)	—
800 (426)	3460 (236)	4230 (291)	—
900 (482)	3220 (221)	3745 (258)	—
1000 (537)	3030 (208)	3030 (208)	—
1100 (593)	2685 (184)	2685 (184)	—
1200 (648)	1745 (118)	1545 (106)	—

- ❖ Based on graphite stem packing.

Standard Materials of Construction

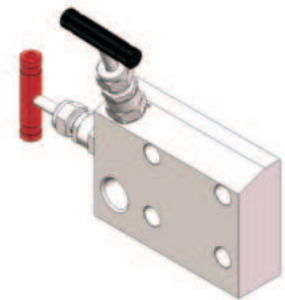
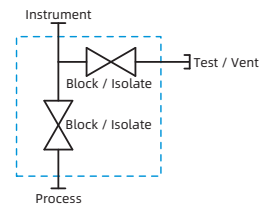
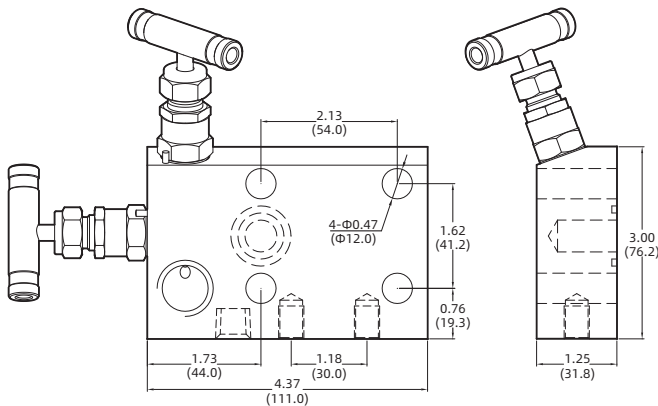
Item	Component	Material Grade / ASTM Specification		
		316 S.S.	Alloy 400	Alloy C-276
1	Handle	Anodized aluminum		
2	Screw	Galvanized steel		
3	Upper Stem	316 S.S. / A276		
4	Packing Bolt	316 S.S. / A276		
5	Nut	630 S.S. / B783		
6	Lower Stem	Chrome-plated 316 S.S. / A276	Alloy R-405 / B164	Alloy C-276 / B574
7	Gland	316 S.S. / A276		
8	Packing	PTFE or Graphite		
9	Pin	304 S.S.		
10	Bonnet	316 S.S. / A479	Alloy R-405 / B164	Alloy C-276 / B574
11	Body	316 S.S. / A479 316 S.S. / A182	Alloy 400 / B164, B127, B564	Alloy C-276 / B564



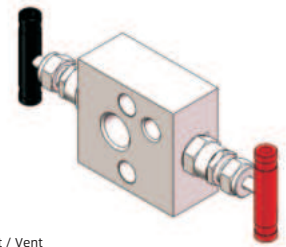
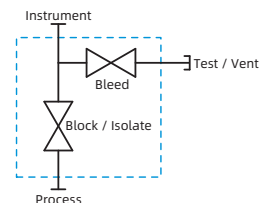
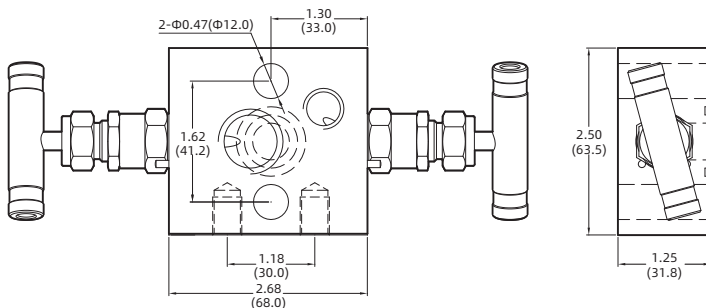
Handle color codes for functions
BLACK: Isolate / block
RED: Test / vent
GREEN: Equalize

2-valve Manifolds

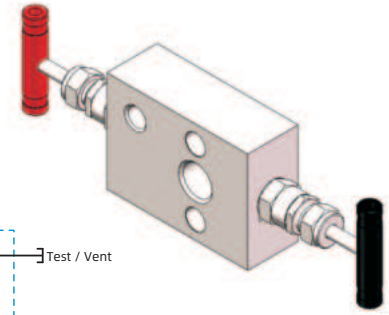
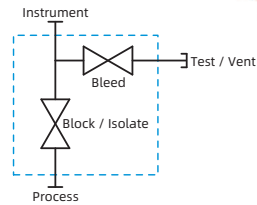
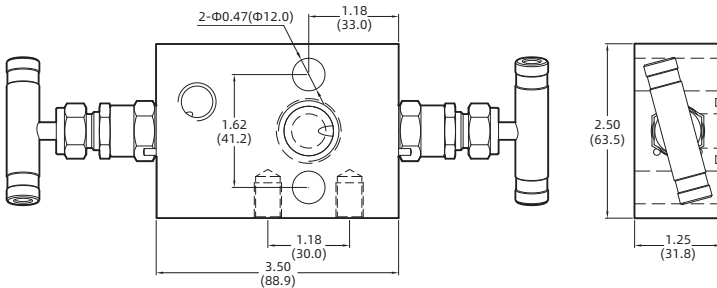
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-201-316	1/2" Female NPT	Flanged	1/4" Female NPT



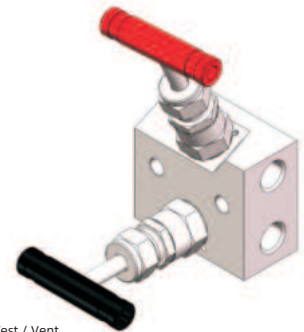
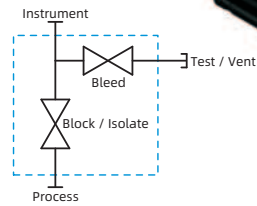
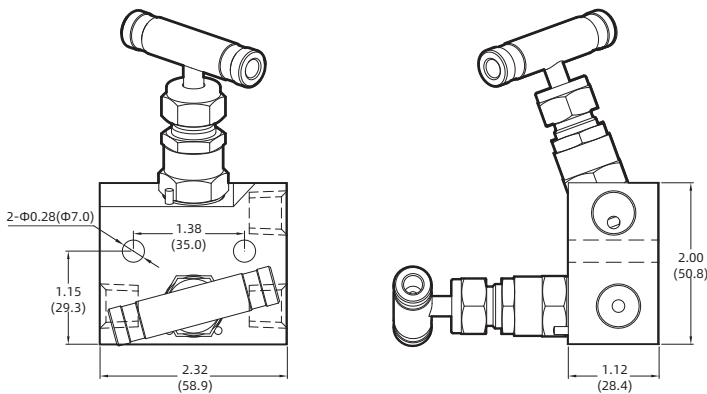
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-202-316	1/2" Female NPT	Flange	1/4" Female NPT



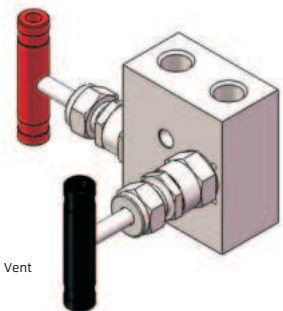
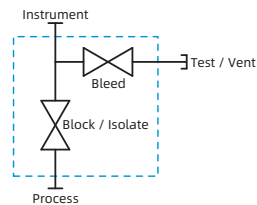
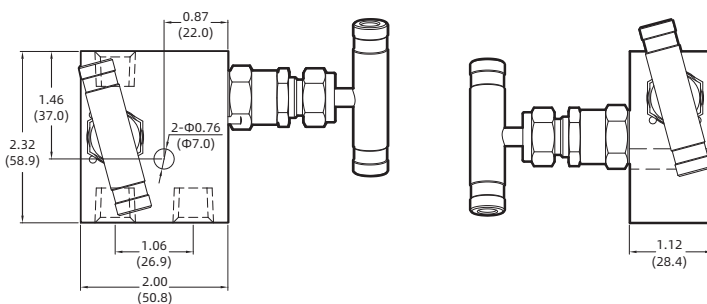
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-203-316	1/2" Female NPT	Flange	1/4" Female NPT



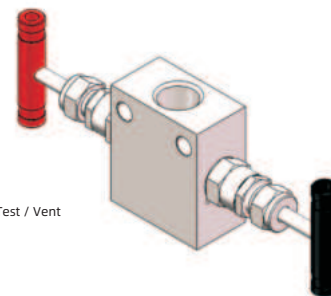
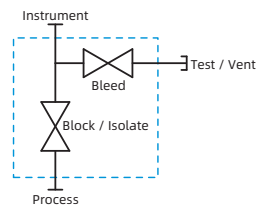
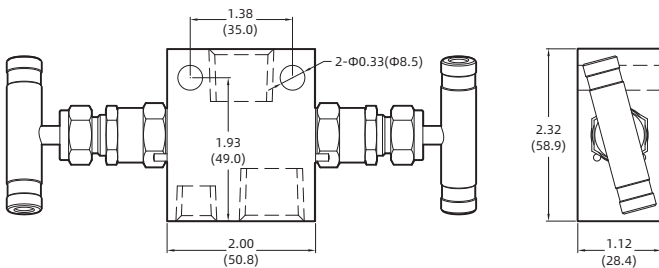
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-204-316	1/4" Female NPT	1/4" Female NPT	1/4" Female NPT



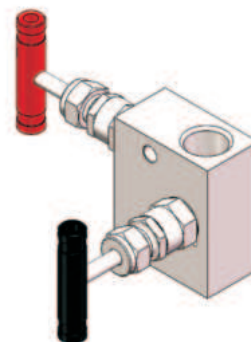
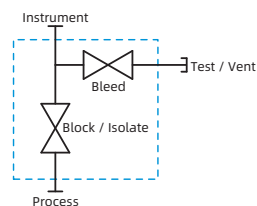
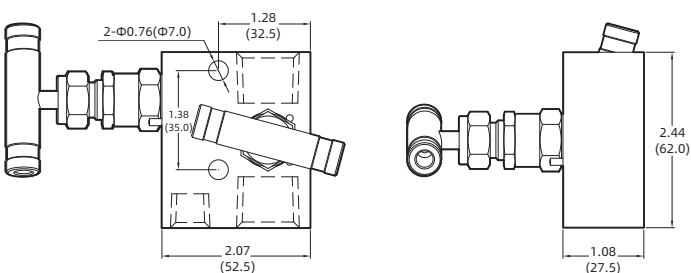
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-205-316	1/4" Female NPT	1/4" Female NPT	1/4" Female NPT



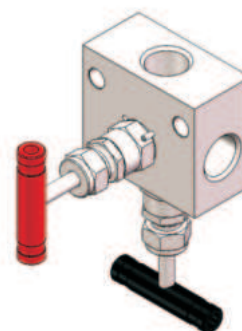
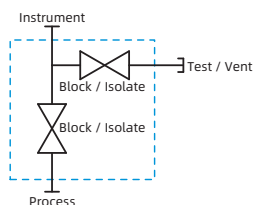
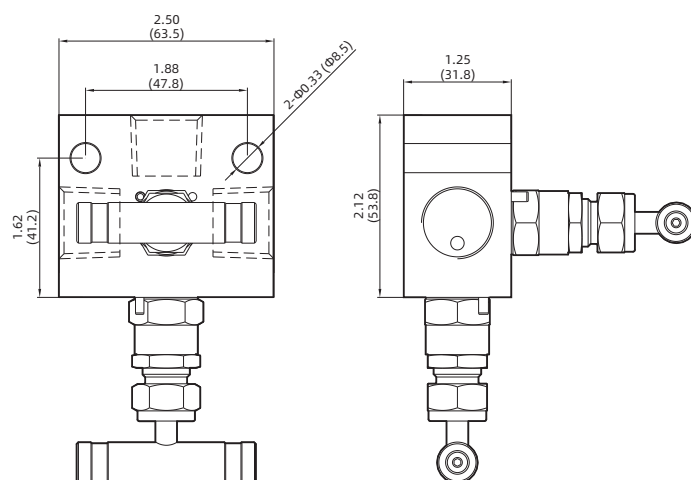
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-206-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT



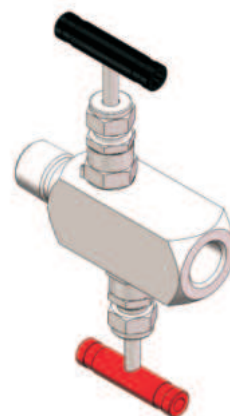
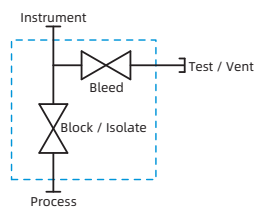
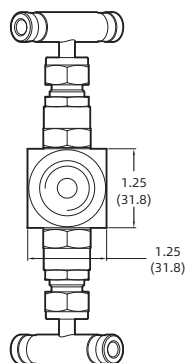
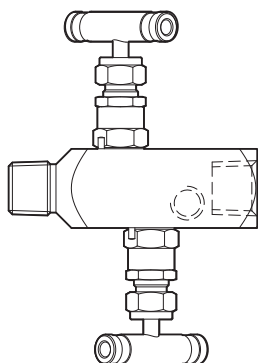
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-207-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT



Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-210-316	1/2" Female NPT	1/2" Female NPT	1/2" Female NPT



Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-XX-XX-316	See ordering information	See ordering information	1/4" Female NPT



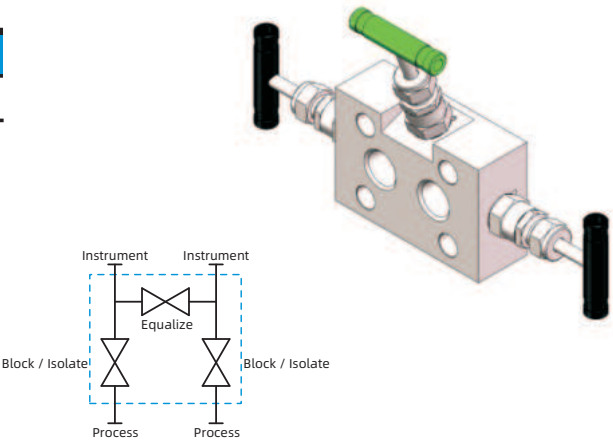
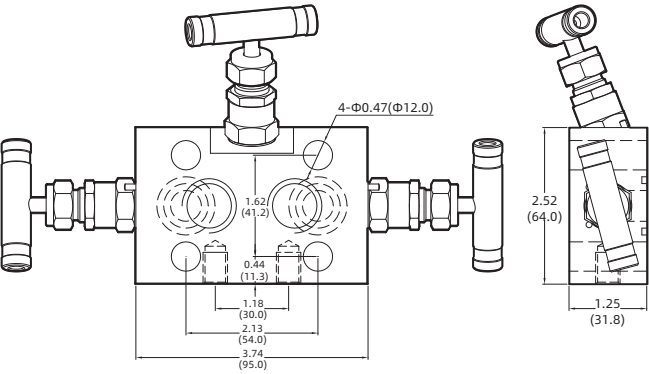
How to Order

2M — NPT8 — FNPT8 — G — P — 316

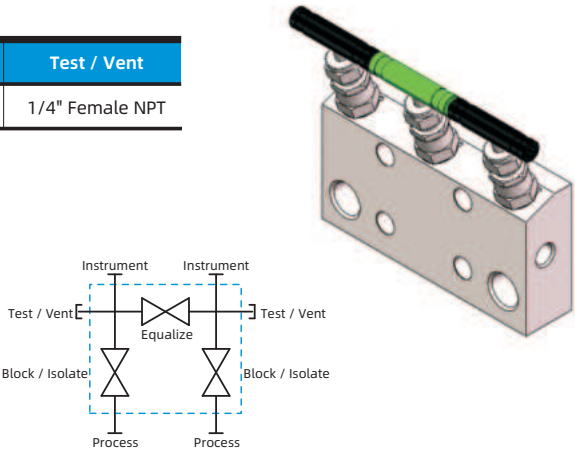
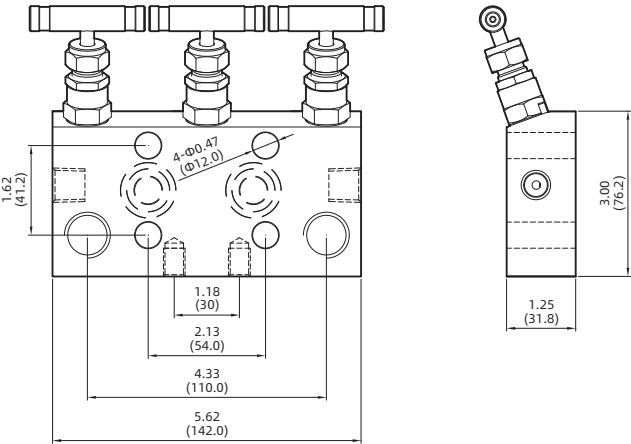
Series	Inlet Type	Inlet Size	Outlet Type	Outlet Size	Packing Material	Plug	Body Material
2M	FNPT Female NPT	4 1/4 in.	Same as inlet type and inlet size		PTFE	No Plug	316 316 S.S.
	NPT Male NPT	6 3/8 in. or 6 mm				P Plug	316L 316L S.S.
	FBT Female BSPT	8 1/2 in. or 8 mm	If outlet and inlet are the same, eliminate the outlet designator		G Graphite		304 304 S.S.
	MBT Male BSPT	10 10 mm					304L 304L S.S.
	FMS Female Metric	12 3/4 in. or 12 mm					A276 Alloy C276
	MS Male Metric (for BG)	14 M14x1.5 or 14 mm					A400 Alloy 400
	FBP Female BSPP	20 M20x1.5 or 20 mm					
	MBP Male BSPP (for BG)						
	F Fractional Tube Fitting						
	M Metric Tube Fitting						

3-valve Manifolds

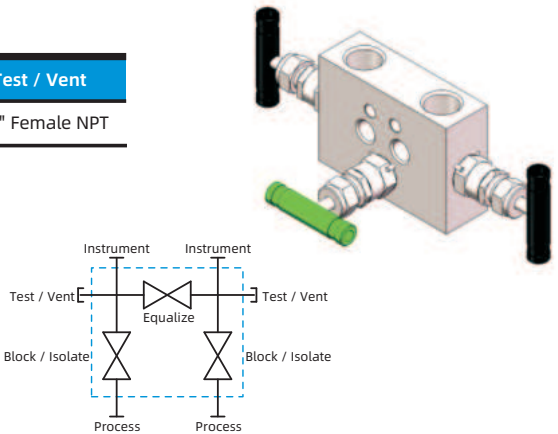
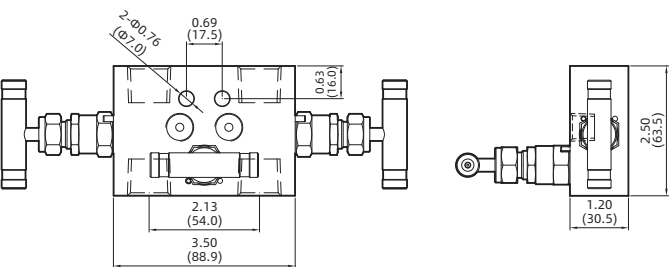
Ordering Number	Inlet / Process	Outlet / Instrument
3M-301-316	1/2" Female NPT	Flange



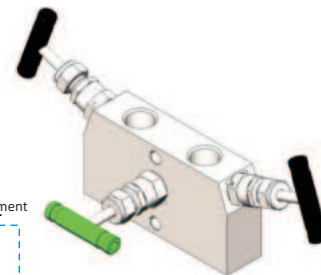
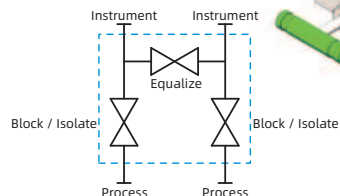
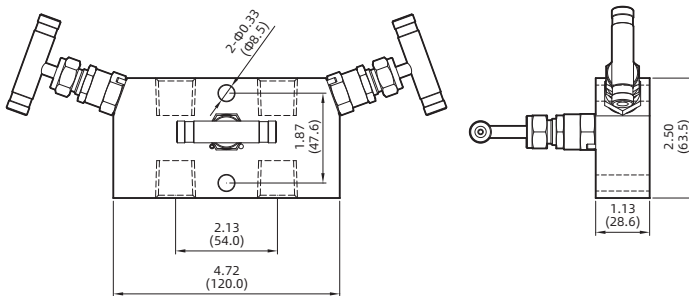
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
3M-302-316	1/2" Female NPT	Flange	1/4" Female NPT



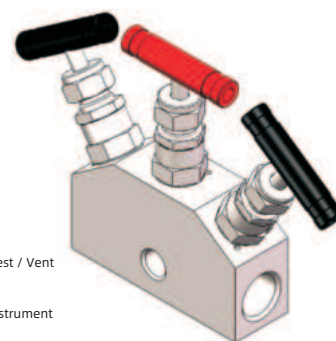
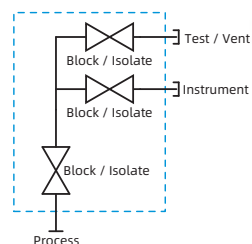
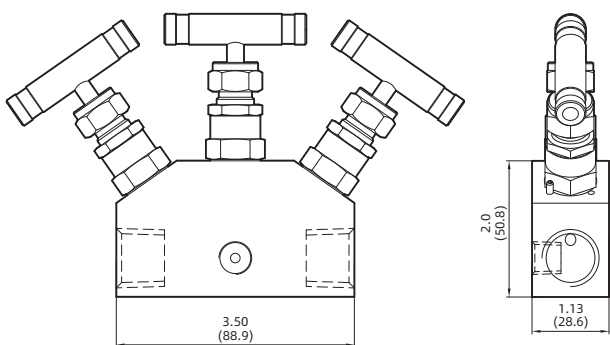
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
3M-303-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT



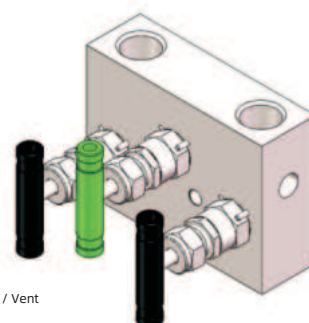
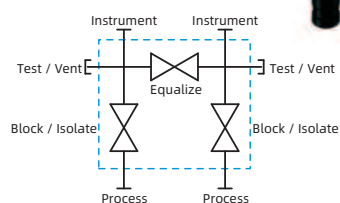
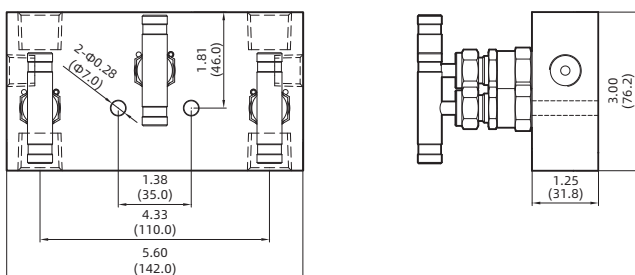
Ordering Number	Inlet / Process	Outlet / Instrument
3M-304-316	1/2" Female NPT	1/2" Female NPT



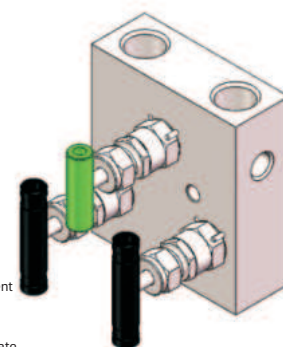
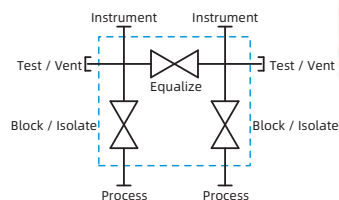
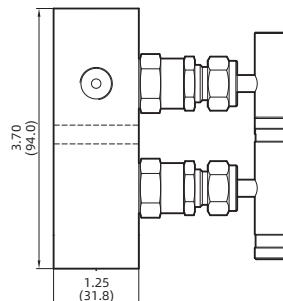
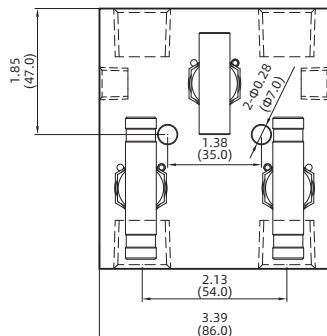
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
3M-305-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT



Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
3M-306-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT

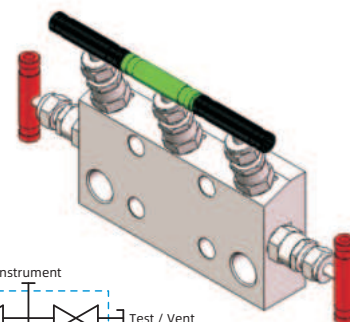
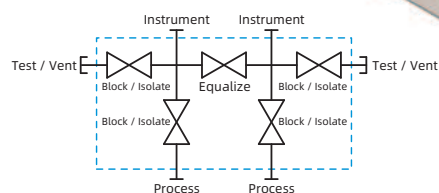
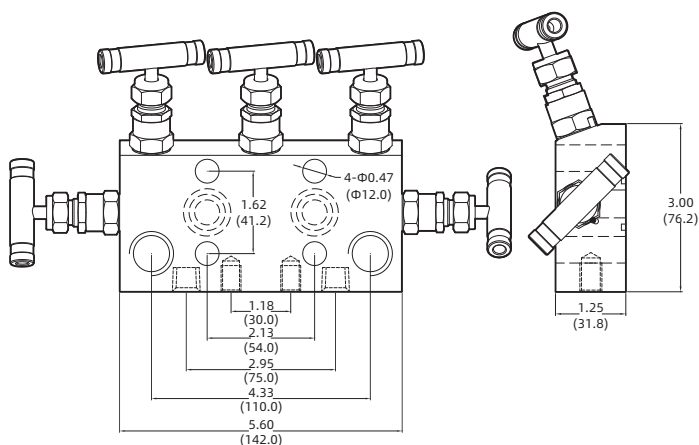


Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
3M-307-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT

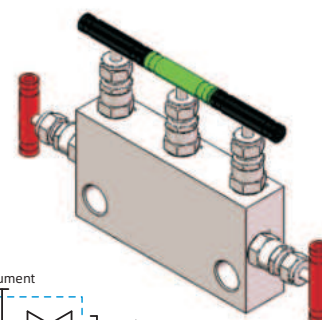
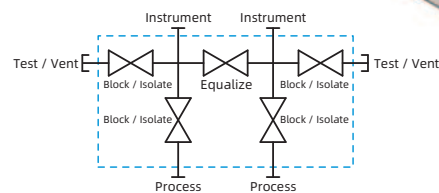
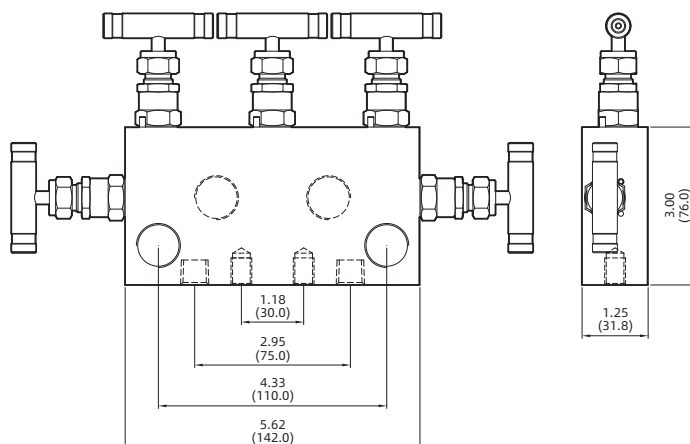


5-valve Manifolds

Ordering Number	Inlet/Process	Outlet/Instrument	Test/Vent
5M-501-316	1/2" Female NPT	Flange	1/4" Female NPT

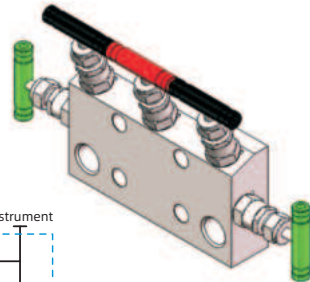
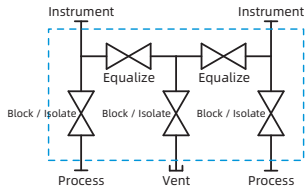
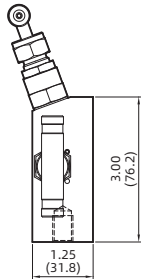
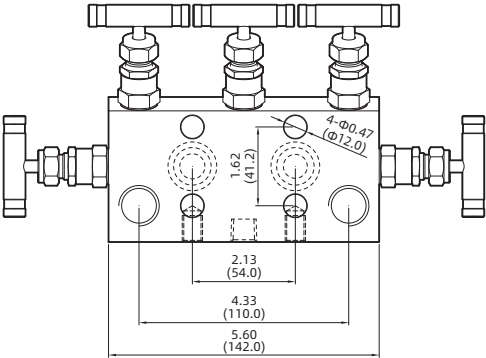


Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
5M-502-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT

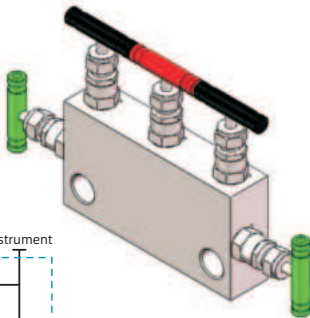
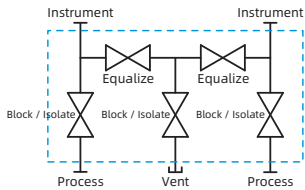
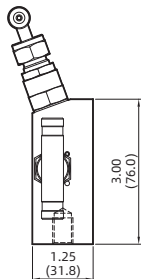
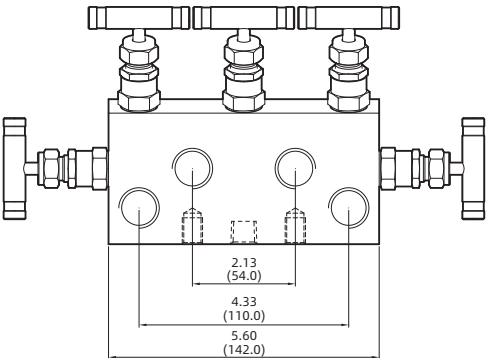


5-valve Custody Transfer/Fiscal Metering manifolds

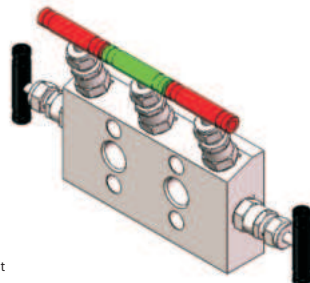
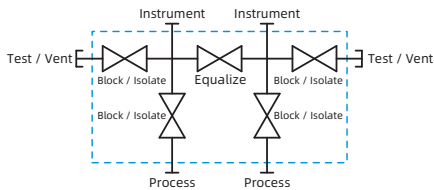
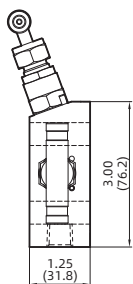
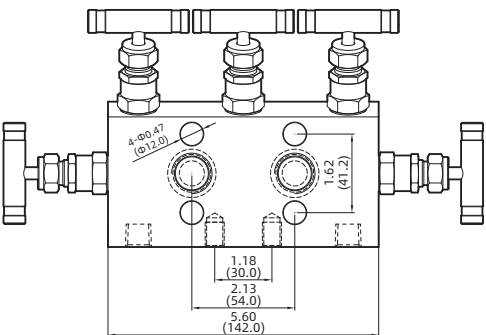
Ordering Number	Inlet / Process	Outlet / Instrument	Vent
5M-503-316	1/2" Female NPT	Flanged	1/4" Female NPT



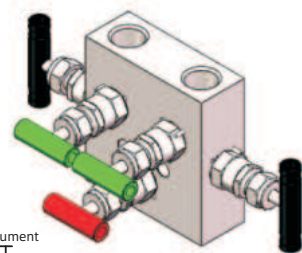
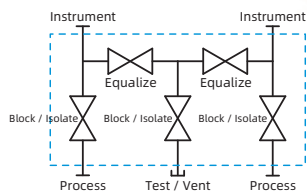
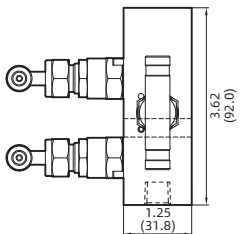
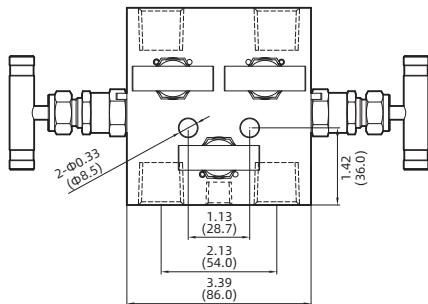
Ordering Number	Inlet / Process	Outlet / Instrument	Vent
5M-504-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT



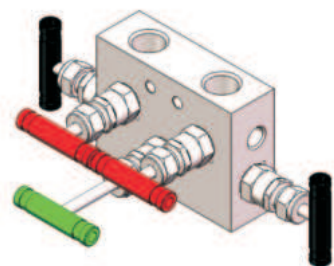
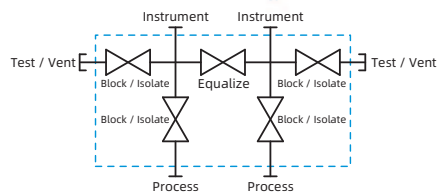
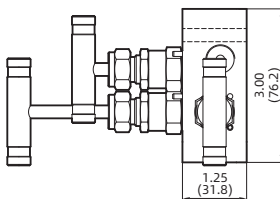
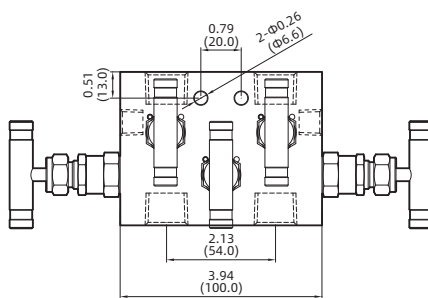
Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
5M-505-316	1/2" Female NPT	Flanged	1/4" Female NPT



Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
5M-506-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT



Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
5M-507-316	1/2" Female NPT	1/2" Female NPT	1/4" Female NPT

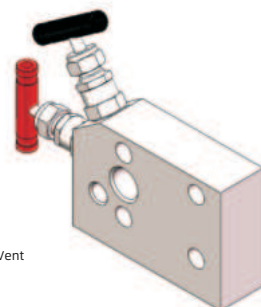
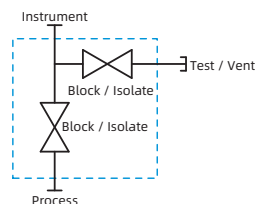
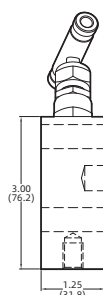
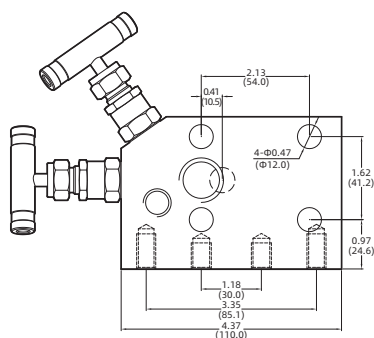


Integral Manifolds

❖ This section is presently characterized by manifolds designed specifically for Rosemount® coplanar™ pressure transmitters including the model 3051C, model 3051P, model 2024 and the model 3095.

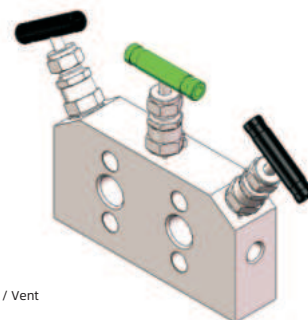
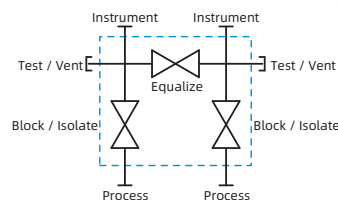
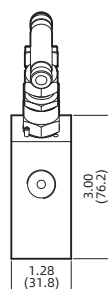
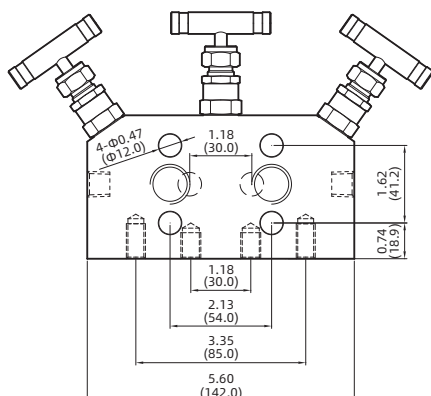
2-valve Manifolds

Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
2M-201R-316	1/2" Female NPT	Flanged	1/4" Female NPT



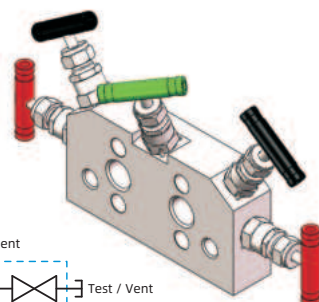
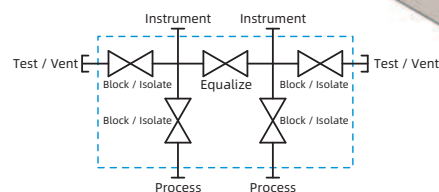
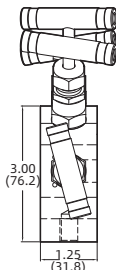
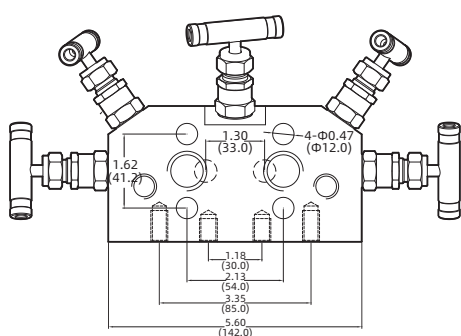
3-valve Manifolds

Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
3M-301R-316	1/2" Female NPT	Flanged	Optional



5-valve Manifolds

Ordering Number	Inlet / Process	Outlet / Instrument	Test / Vent
5M-501R-316	1/2" Female NPT	Flanged	1/4" Female NPT



- ❖ All direct mount manifolds are provided with 4 of 7/16-20UNF×1.75" high tensile zinc plated carbon steel bolts and 2 of PTFE seal rings
- ❖ Bleed valve and plug must be ordered separately. To order plug, add "-P" suffixes to ordering number, for example: **2M-201-P-316**
- ❖ To order Graphite packing, add "-G" suffixes to ordering number, for example: **3M-301-G-316**