
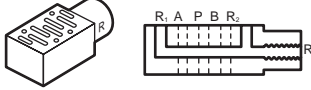
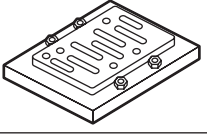
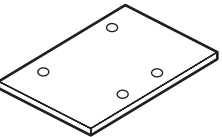

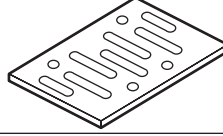
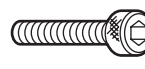
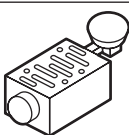
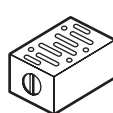
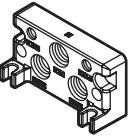
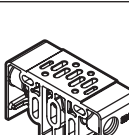
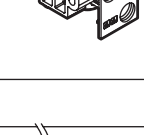
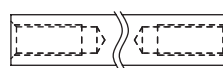
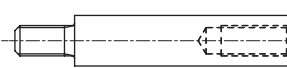


GMF1/2 Series

| | | | | |
|-----------------------|--|--|--|--|
| 4GA/B | Manifold option | | | |
| M4GA/B | Optional descriptions | Model No. | | Remarks |
| MN4GA/B | | ISO size 1 | ISO size 2 | |
| 4GA/B (master) | 1. Independent air supply spacer  | CMF1-P-02 (Rc1/4) 03 (Rc3/8) | CMF2-P-03 (Rc3/8) 04 (Rc1/2) | 1. For individual air supply port Clamp/used for differing pressures 2. For exhaust pressurization Individual exhaust |
| 4GB With sensor | 2. Independent exhaust spacer  | CMF1-R-02 (Rc1/4) 03 (Rc3/8) | CMF2-R-03 (Rc3/8) 04 (Rc1/2) | 1-port exhaust with individual exhaust (back pressure countermeasures) |
| 4GD/E | 3. Adaptor  | CU1-00 (FS/FD2 Series, Rc1/4, 3/8) CU1-01 (FS/FD3 Series, Rc1/4, 3/8, 1/2) | CU2-00 (FS/FD3 Series, Rc1/4, 3/8, 1/2) CU2-01 (FS/FD4 Series, Rc1/2, 3/4) | PV5-6R, PV5-8R are installed on conventional model type F ^{S2} _{D3} (Custom order product). |
| M4GD/E | 4. Masking plate  | CM1-00 | CM2-00 | For PV5-6R For PV5-8R For discrete masking |
| MN4GD/E | 5. Flow path cutoff plate  | GM1-01 | GM2-01 | Manifold (GMF1/GMF2) P/R ₁ /R ₂ port For masking |
| 4GA/B4 | 6. Base gasket  | PV5G-6-BASE-GASKET | PV5G-8-BASE-GASKET | For PV5-6R For PV5-8R These cannot be used on the bottom surface of the spacers. |
| MN3E | 7. Mounting screw  | CMF1-M5X35 | CMF2-M6X45 | Set of 4 |
| MN4E | | CMF1-M5X35 | CMF2-M6X45 | Set of 4 |
| W4GA/B2 | 8. Spacer regulator  | CMF1-SR-P-T05 CMF1-SR-A-T05C CMF1-SR-B-T05C Model No. selection page 1515 | CMF2-SR-P-T05 CMF2-SR-A-T05C CMF2-SR-B-T05C Model No. selection page 1519 | Use with different pressures |
| W4GB4 | 9. Air pilot check valve  | CMF1-PC | CMF2-PC | Retain custom position of cylinder |
| MN3S0 | 10. Foot U side  | GFB1- 03 U 04 | GFB2- 04 U 06 | 2 hexagon socket head cap screws, plugs, and a gasket on the U side foot are attached. |
| MN4S0 | D side  | GFB1- 03 D 04 | GFB2- 04 D 06 | |
| 4SA/B0 | 11. Manifold; block  | GMFB1- 02 T 03 | GMFB2- 03 T 04 | For left/right side piping 2 tie rods, plug and gasket are attached. |
| 4KA/B | 12. Tie rod  | GMF1-TR-V*1 *1: 1 to 10 (station No.) | GMF2-TR-V*1 *1: 1 to 10 (station No.) | Set of 2 Tie rod length from 1 to 10 stations as used at shipping. |
| 4KA/B (master) | | GMF1-TR-VZ | GMF2-TR-VZ | Set of 2 Use when adding onto the tie rods. Length can be added by 1 station. |
| 4F | 13. Tie rod for station expansion  | GMF1-TR-VZ | GMF2-TR-VZ | Set of 2 Use when adding onto the tie rods. Length can be added by 1 station. |
| 4F (master) | | | | |
| PV5G | | | | |
| GMF | | | | |
| PV5 | | | | |
| GMF | | | | |
| PV5S-0 | | | | |
| 3Q | | | | |
| MV3QR | | | | |
| 3MA/B0 | | | | |
| 3PA/B | | | | |
| P/M/B | | | | |
| NP/NAP | | | | |
| NVP | | | | |
| 4G*0EJ | | | | |
| 4F*0EX | | | | |
| 4F*0E | | | | |
| HMV | | | | |
| HSV | | | | |
| 2QV | | | | |
| 3QV | | | | |
| SKH | | | | |
| Silencer | | | | |
| TotAirSys (Total Air) | | | | |
| TotAirSys (Gamma) | | | | |
| Ending | | | | |

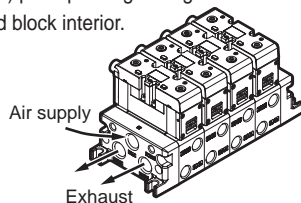
Manifold

A wide variety of combinable supply, exhaust, and piping methods are available in the lineup. Select the ideal function for your application.

1 General use

● Common exhaust method

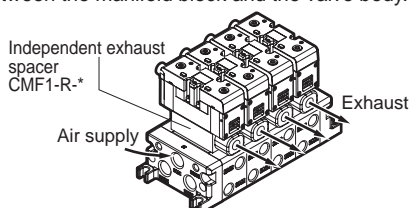
The most common method, in which solenoid valve supply and exhaust is centralized in one location through the use of P (supply) and R (exhaust) ports passing through the connected manifold block interior.



2 Applications for general use

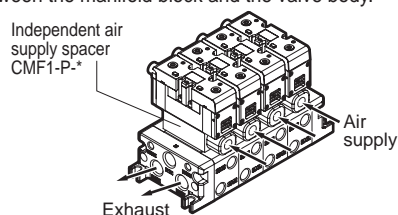
● Individual exhaust method

As the R1/2 (exhaust) ports are independent for each solenoid valve, this prevents the popping out phenomenon of adjacent cylinders caused by back pressure. Exhaust is processed individually by inserting an independent exhaust spacer (CMF1-R-*) between the manifold block and the valve body.



● Individual supply method

As the P (air supply) port is independent for each valve, it is possible to supply a different pressure only to certain valves within the manifold. Air supply is processed individually by inserting an independent air supply spacer (CMF1-P-*) between the manifold block and the valve body.



● Individual supply/individual exhaust method

Use this method in order to allow individual configurations for the P (air supply) port and R (exhaust) port of certain valves within the manifold.

Example: When the unit is being used with no lubrication but a certain valve alone must be lubricated

Air supply and exhaust are processed individually by inserting an independent air supply spacer (CMF1-P-*) and an independent exhaust spacer (CMF1-R-*) between the manifold block and the valve body.

● Different pressure supply method

With this method of supplying both higher and lower pressure to a single manifold, a flow cutoff plate (GM1-01) is inserted between the manifold blocks with different pressures.

3 General/special common descriptions

● Rear piping method

When piping cannot be installed from the side, it is possible to install all or part of the piping of A/B ports from the bottom surface of the manifold.

| |
|--------------------------|
| 4GA/B |
| M4GA/B |
| MN4GA/B |
| 4GA/B (master) |
| 4GB With sensor |
| 4GD/E |
| M4GD/E |
| MN4GD/E |
| 4GA4/B4 |
| MN3E MN4E |
| W4GA/B2 |
| W4GB4 |
| MN3S0 MN4S0 |
| 4SA/B0 |
| 4KA/B |
| 4KA/B (master) |
| 4F |
| 4F (master) |
| PV5G GMF |
| PV5 GMF |
| PV5S-0 |
| 3Q |
| MV3QR |
| 3MA/B0 |
| 3PA/B |
| P/M/B |
| NP/NAP NVP |
| 4G*0EJ |
| 4F*0EX |
| 4F*0E |
| HMV HSV |
| 2QV 3QV |
| SKH |
| Silencer |
| TotAirSys (Total Air) |
| TotAirSys (Gamma) |
| Ending |