## **GMF1** Series

Manifold specifications sheet 4GA/B Issued M4GA/B ISO size 1 DIN terminal box Company MN4GA/B Contact Quantity Set Delivery date Contact 4GA/B Slip No. Order No. (master) Order No. 4GB With sensor Manifold model No. 4GD/E M4GD/E MN4GD/E A/B Port position P/R Port position Station No. Silencer box Voltage Valve option 4GA4/B4 A/B Port size HY configuration Manifold option Surge suppressor/lamp ISO size P/R Port size MN3E MN4E (A) ISO size **■ P/R Port size ■ P/R Port position ⓒ** HY configuration **ⓓ** Silencer box **◑** Manifold option When other than HY Blank None Blank Right 1 1 station 02 Rc1/4 03 Rc3/ B Top/bottom sides Blank None W4GA/B2 03 Rc% 04 Rc1/2 D Bottom side is selected with © SB Yes (D installation) P/A/B port filter equipped to to Left/right sides 10 10 stations HX1 Rc1/4, Rc3/8Mix Н U Top side Left HY1 Rc%, Rc%Mix Rc% on bottom. W4GB4 Rc1/2 on top Rear side E P: top/R: bottom F P: bottom/R: top Plug attached Rc% on top. MN3S0 UD U side (top side) T Plug attached Rc1/2 on bottom MN4S0 Voltage ■ Valve option **⊗** Surge suppressor/lamp 1 100 VAC Blank None
2 200 VAC N With surge suppressor/indicator lamp 4SA/B0 Blank None
A Coolant proof 4KA/B 24 VDC Note: Items (J), (B), and (C)-are when the 12 VDC - (2) 4KA/B 110 VAC manifold is assembled and the mounted R side (right side) (master) 220 VAC valve option has been selected. -- (3) Station No. ★ When placing an order, list the solenoid valve model No. (1) to (9) from the figure at left in the following field for the solenoid valve model No. 4F When selecting options, mark the corresponding field for the option below with a circle. (master) PV5G GMF Station No. 4 5 6 8 9 Solenoid valve model No. | PV5G-6 PV5 GMF D side (bottom side) When L has been selected with R Solenoid valve model No. ①,designate the plug position PV5S-0 2-position Air supply spacer 3Q PV5G-6-FG-S (1) single Exhaust spacer MV3QR Pilot check valve 2-position PV5G-6-FG-D (2)CMF\*-SR-P double 3MA/B0 Spacer CMF\*-SR-A 3-position 3PA/B regulator PV5G-6-FHG-D all ports (3)CMF\*-SR-B closed P/M/B Air supply path cutoff plate 3-position (4) NP/NAP A-B-R PV5G-6-FJG-D Exhaust path cutoff plate connection When © is HX, specify 02 3-position P-A-B the mixed configuration 4G\*0EJ 03 PV5G-6-FIG-D (5)of the bore size. 4F\*0EX connection 3-position all 4F\*0E ports closed PV5G-6-FPG-D (6)non-leaking HMV HŜV 2-position single exhaust PV5G-6-YZ-S (7)2QV 3QV pressurized 2-position double Order of assembly of options (spacers) SKH PV5G-6-YZ-D (8)exhaust pressurized Solenoid valve Note) The order from the sub-base to Silencer the solenoid valve is basically as Regulator TotAirSys (Total Air) Masking plate CM1-00 (9)shown in the figure at left. For spacers not in use, simply stack Supply/exhaust them as removed. TotAirSys

Pilot check valve

**CKD** 

(Gamma)

Ending

## **GMF2** Series

## Manifold specifications sheet ISO size 2 DIN terminal box

Contact Quantity Set Delivery date Slip No. Order No.

Company Contact

Issued

Order No.

Manifold model No.

Station No. A/B Port position P/R Port position Silencer box Voltage Valve option ISO size A/B Port size P/R Port size HY configuration Manifold option Surge suppressor/lamp

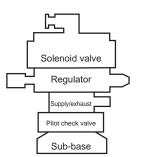
(A)	ISO s	ize	B	Station No.	(O) A	B Port size	D A/E	Port position	<b>(∄</b> P/	R Port size	<b>G</b> F	/R Port position	<b>⊕</b>	configuration /	⊕ Si	lencer box	O Ma	anifold option
2	PV50	G-8	1	1 station	03	Rc¾	Blank	Right	04	Rc½	В	Top/bottom sides	ınk	When other than HY	Blank	None	Blank	None
		$\Box$	to	to	04	Rc½	L	Left/right sides	06	Rc¾	D	Bottom side	Bla	is selected with (E)	SB	Yes (D installation)	F	P/A/B port filter equipped
			10	10 stations	HX2	Rc3/k, Rc1/k Mix	Н	Left	HY2	Rc1/2, Rc3/8Mix	U	Top side	DU	Rc1/2 on bottom,				
							Z	Rear side			Е	P: top/R: bottom	טט	Rc¾ on top				
							Т	Plug attached			F	P: bottom/R: top	UD	Rc½ on top,				
U side (top side)											Т	Plug attached	עט	Rc¾on bottom				
		R₁	7	K2														

e option
None
Coolant proof
ne manifold is
lve option has
(9) from the
th

ist the solenoid valve model No. (1) to (9) from the figure at left in the following field for the solenoid valve model No. When selecting options, mark the corresponding field for the option below with a circle.

Sta	tion N	Ю		1	2	3	4	5	6	7	8	9	10	
Solen	oid valve n													
When L has been selected with R														
(D),d	designate the plug position L													
	Air supply spacer													
	Exhaust spacer													
	Pilot check valve													
			CMF*-SR-	Р										
Option	Space	- 1	CMF*-SR-											
Opt	Regulator		CMF*-SR-											
	Flow path	Air supply path cutoff plate			-									1
	cutoff plate	Exhaust path cutoff plate				- <del>     </del>	- <del></del> -	- <del></del> -	- <del>     </del> -	- <del></del> -		- <del></del> -	- <del></del> -	
		© is HX, specify 03												
			configuration 04											

D side	(bottom side)						
		Solenoid valve model No.					
2-position single	a A B A B A B A B A B A B A B A B A B A	PV5G-8-FG-S	(1)				
2-position double	a AB b AB R <sub>1</sub> P R <sub>2</sub>	PV5G-8-FG-D	(2)				
3-position all ports closed	a M A B b b R, P R <sub>2</sub>	PV5G-8-FHG-D	(3)				
3-position A-B-R connection	a M A B B B B B B B B B B B B B B B B B B	PV5G-8-FJG-D	(4)				
3-position P-A-B connection	a	PV5G-8-FIG-D	(5)				
3-position all ports closed non-leaking	a M A B B B B B B B B B B B B B B B B B B	PV5G-8-FPG-D	(6)				
2-position single exhaust pressurized	a AB AB R, PR <sub>2</sub>	PV5G-8-YZ-S	(7)				
2-position double exhaust pressurized	a AB b R, PR <sub>2</sub>	PV5G-8-YZ-D	(8)				
	Masking plate	CM2-00	(9)				



Order of assembly of options (spacers)

Note) The order from the sub-base to the solenoid valve is basically as shown in the figure at left. For spacers not in use, simply stack them as removed.

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

(master)

PV5G GMF PV5 GMF PV5S-0

3Q MV3QR

3MA/B0 3PA/B

P/M/B

NVP 4G\*0EJ

4F\*0EX

4F\*0E

HMV HSV 2QV 3QV

SKH

Silencer

TotAirSys (Total Air) TotAirSys

**Ending** 

## **GMFZ** Series

Manifold specifications sheet 4GA/B Issued M4GA/B ISO size 1/2 mixture DIN terminal box Company MN4GA/B Contact Quantity Set Delivery date Contact 4GA/B Slip No. Order No. (master) Order No 4GB With sensor Manifold model No. 4GD/E M4GD/E MN4GD/E A/B Port position P/R Port position Station No. Manifold option Surge suppressor/lamp 4GA4/B4 ISO size A/B Port size P/R Port size HY configuration Voltage MN3E MN4E B Station No. C A/B Port size D A/B Port position (A) ISO size **⊜** P/R Port size P/R Port position 1 1 station **HX3** 1:02/2:03 Blank Right Blank None Z Mixture of size 1 and 2 B Top/bottom sides Size 1 on bottom HY3 1:03/2:04 1 100 VAC W4GA/B2 to **HX4** 1:02/2:04 HY4 1:03/2:06 and size 2 on top 2 200 VAC D Bottom side to P/A/B port filter equipped Left/right sides 10 10 stations HX5 1:03/2:03 HY5 1:04/2:04 U Top side Left Size 1 on top 3 24 VDC UD W4GB4 HX6 1:03/2:04 HY6 1:04/2:06 Rear side E P: top/R: bottom and size 2 on bottom 4 12 VDC F P: bottom/R: top Plug attached 5 110 VAC MN3S0 U side (top side) R<sub>1</sub> P R<sub>2</sub> T : Plug attached 6 : 220 VAC MN4S0 4SA/B0 Blank None Blank None With surge suppressor/indicator lamp Coolant proof Α 4KA/B Note: Items ①, ③, and ⑥ are when the 4KA/B manifold is assembled and the mounted L side (left side) R side (right side) valve option has been selected. (master) ---- (3) Station No ★ When placing an order, list the solenoid valve model No. (1) to (9) from the figure at left in the following field for the solenoid valve model No. 4F When selecting options, mark the corresponding field for the option below with a circle (master) PV5G GMF Station No 3 5 6 Solenoid PV5G-6 PV5 valve D side (bottom side) **GMF** PV5G-8 model No. Solenoid valve model No. PV5S-0 When L has been selected with (D).designate the plug position L 2-position 3Q PV5G-\*-FG-S (1) single Air supply spacer MV3QR Exhaust spacer 2-position PV5G-\*-FG-D (2)double Pilot check valve 3MA/B0 CMF\*-SR-P 3-position 3PA/B Spacer PV5G-\*-FHG-D (3)all ports CMF\*-SR-A closed Option Regulator P/M/B CMF\*-SR-B 3-position NP/NAP Flow path A-B-R PV5G-\*-FJG-D (4)Air supply path cutoff plate Cutoff connection Exhaust path cutoff plate 4G\*0EJ 3-position When © is HX, PV5G-\*-FIG-D P-A-B (5)specify the mixed 4F\*0EX connection 03 configuration of 3-position all ports 04 the bore size. 4F\*0E PV5G-\*-FPG-D (6)closed non-leaking HMV HŜV 2-position single PV5G-\*-YZ-S 2QV 3QV exhaust (7)pressurized 2-position double Order of assembly of options (spacers) SKH PV5G-\*-YZ-D exhaust (8)pressurized Solenoid valve Note) The order from the sub-base to Silencer the solenoid valve is basically as Regulator TotAirSys (Total Air) CM\*-00 (9)shown in the figure at left. For Masking plate spacers not in use, simply stack

Supply/exhaus

Pilot check valve

Sub-base

them as removed.

Note) The \* marking for solenoid valve is either "6" or "8". With the masking

plate and options, this will be either "1" or "2".

TotAirSys

(Gamma)

Ending