

M4GA1 to 3/M4GB1 to 3 Series

How to fill out metal base M4G series manifold specifications sheet

● Manifold model No. (example)

M 4 G ^A_B 1 8 0R- CX - T30 - 9 - 3

Type of solenoid valve

Solenoid position

Port size

Electrical connections

Terminal connector pin array

Station No.

Voltage

Precautions for fitting mix CX

The A/B port fitting can be selected freely by indicating "CX" in the port size area.

Selectable cartridge fittings

4G1	CF, C18, C4, C6, C8, X (plug)
4G2	C4, C6, C8, C10, X (plug)
4G3	C6, C8, C10, X (plug)

* A/B port fitting mix with the body piping is not supported. 4G1 C8 and 4G2 C10 base piping are custom orders. Fitting mix CX supports only the combinations of C8 and X (plug) for 4G1 and C10 and X (plug) for 4G2.

Solenoid valve model No.		Fitting CX		Installation position																								Quantity
		A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
4G _{B11} 9R-CX		C6	X	○	○																							2
4G _{B11} 9R-C6						○	○																					2
4G _{B12} 9R-C6								○	○																			2
4G _{B15} 9R-CX		C6	C4								○	○																2
4G ₁ 9R-																												
3G _{A1} 9R-																												
Masking plate 4G1R-MP(S)		Fill in "CX" when changing the fitting combination																										
Masking plate 4G1R-MP(D)											○																	1

Indicate X for a plug

Fill in "CX" when changing the fitting combination

How to use base piping M4GB*10 as a 3-port valve

This can be used as the NO/NC by attaching a plug cartridge on one side of the A/B port. Indicate "X" in the fitting CX column.

Switching method	Plug mounting port
NC (Normally closed)	B
NO (Normally open)	A

For female thread specifications, indicate the required number of plugs in the "Thread plug" area at the end. Female threads and cartridge fitting cannot be used together in one manifold set.

Elbow specifications

- The push-in L fitting (upward) is used only for the single solenoid manifold. Port A is a long elbow and port B a short elbow.
- A/B port sizes do not differ for elbow specifications.

* A reference circuit diagram for the above manifold (example) is shown on the next page.

From the manifold specifications sheets for each model, select and fill out the appropriate form.

- Individual wiring...M4G1 ^A_B (page 210), M4G2 ^A_B (page 211), M4G3 ^A_B (page 212)

- Reduced wiring

- Common terminal block (T1*), D sub-connector (T30): M4G1 ^A_B (page 213), M4G2 ^A_B (page 214), M4G3 ^A_B (page 215)
- Flat cable connector (T5*) : M4G1 ^A_B (page 216), M4G2 ^A_B (page 217), M4G3 ^A_B (page 218)
- Serial transmission (T6G1) : M4G1 ^A_B (page 219), M4G2 ^A_B (page 220), M4G3 ^A_B (page 221)
- Serial transmission (T8*) : M4G1 ^A_B (page 222), M4G2 ^A_B (page 223), M4G3 ^A_B (page 224)

*1: Select the silencer mounting after confirming the dimensions.

*2: Use SLW-8S for the M4GA2 DIN rail mount. Interference occurs if SLW-8A is used.

Place a check here if the tube remover (standard attached product) is not required.

M4GB1*OR-C8 does not come with a removal tool.

M4GA1 to 3/M4GB1 to 3 Series

How to fill out wiring specifications sheet

Not required for standard wiring and double wiring.

● Wiring specifications sheet (example)

Complete these specifications when specifying the wiring order and additional cables.

Connector pin No.		Installation position																
T30/T30R	T50/T50R/T6*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	1	a																
14	2	a																
2	3		a															
15	4			a														
3	5				a													
16	6					a												
4	7						b											
17	8							a										
5	9 - Power supply								a									
18	10 + (COM) Power supply									b								
6	11										a							
19	12											b						
7	13												a					
20	14													b				
8	15														(a)			
21	16														(b)			
9	17																	
22	18																	
10	19 - Power supply																	
23	20 + (COM) Power supply																	
11																		
24																		
12																		
25																		
13 (COM)																		

* Note that when T50 wiring is used, the COM polarity is + (plus).

* When T50 wiring is used, connector pin numbers 9, 10, 19, and 20 cannot be specified, because they are used for the external input power supply.

* Wiring is sequential from connector pin No. 1 in standard wiring. Contact CKD for special wiring order.

Precautions regarding spare wiring

(1) Spare wires are provided on the masking plate for the reduced wiring manifold. (Refer to page 197)

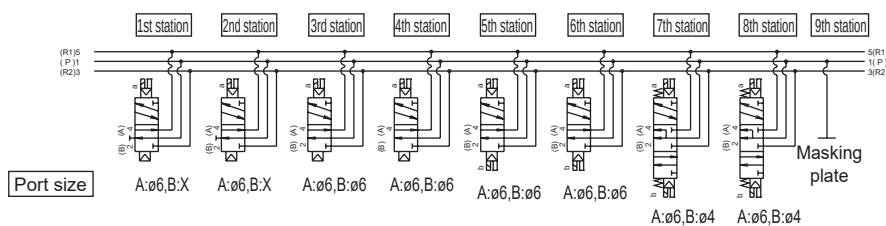
The number of wires for spare wiring can be specified by selecting the masking plate within the specifications sheet.

4G *R -MP(S) ... 1 piece

4G *R -MP(D) ... 2 pieces

Indicate (a) or (b) in manifold specifications sheet for masking plate reserved wires.

Reference circuit diagram The simplified circuit diagram of the manifold model No. (example) on the previous page is shown below.



* The manifold station numbers are set in order from the left with the piping port facing forward.

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

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys (Total Air)

TotAirSys (Gamma)

Ending

- 4GA/B
- M4GA/B
- MN4GA/B
- 4GA/B
(master)
- 4GB
With sensor
- 4GD/E
- M4GD/E
- MN4GD/E
- 4GA/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

M4G1 Individual Cabling

M4GB1 manifold specification

● Responsible

● quantity set

● Delivery date

Voucher No.

Order No.

Issued / /

Company

Contact

Order No.

● manifold model number

MG^A_B10R----

Solenoid valve

switching location classification

connection aperture

wire connection

Other Options

Mount Type

series

Voltage

solenoid valve model number		Joint CX		valve installation position																								number of uses
		A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
4G 1 9R																												
4G 1 9R																												
4G 1 9R																												
4G 1 9R																												
4G 1 9R																												
3G 1 9R																												
3G 1 9R																												
MASKING PLATE 4G1R-MP-																												
AIR SUPPLY SPACER 4G1R-P-																												
INSTEP VALVE SPACER 4G1R-IS																												
exhaust spacer 4G1R-R-																												
PILOT CHECK VALVE SPACER 4G1R-PC-																												
mounting rail	L2= *Enter a value that is an integer multiple of 12.5.	attachment parts	blank plug										screw plug				Silencer											
			PG-P2-B					GWP4-B					4G1R-M5P			SLW-6S					SLW-6A							
			GWP6-B					GWP8-B																				
			Push-in fitting tube remover (attached as standard) ☐ Not required (check the box)																									

*M4GB1 C8 does not have a tube stripper.

M4G2 individual wiring

M4G2^A_B Manifold specifications sheet

Issued / /

Company

Contact

Order No.

● Contact

● Quantity

set(s)

● Delivery date /

Slip No.

Order No.

● Manifold model No.

M **G**^A_B **2** **0R-** - - - -

Solenoid valve Solenoid position Port size Electrical connections Other options Mount Station No. Voltage

Solenoid valve model No.			Fitting CX		Valve installation position																								Quantity
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
4G	2	9R-																											
4G	2	9R-																											
4G	2	9R-																											
4G	2	9R-																											
4G	2	9R-																											
3G	2	9R-																											
3G	2	9R-																											
Masking plate 4G2R-MP-																													
Air supply spacer 4G2R-P-																													
In-stop valve spacer 4G2R-IS																													
Exhaust spacer 4G2R-R																													
Pilot check valve spacer 4G2R-PC																													
Mounting rail	 L₂= * Write an integer multiple of 12.5.	Accessory	Blanking plug												Thread plug				Silencer										
			GWP4-B				GWP6-B				4G2R-06P				SLW-8S				SLW-8A										
			GWP8-B				GWP10-B																						

* Can only be selected for B types.

4GA/B

M4GA/B

MN4GA/B

4GA/B (master)

4GB With sensor

4GD/E

M4GD/E

MN4GD/E

4GA/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

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys (Total Air)

TotAirSys (Gamma)

Ending

- 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

M4G3 individual wiring

M4G3^A_B Manifold specifications sheet

● Contact

● Quantity

set(s)

● Delivery date

/

Slip No.

Order No.

● Manifold model No.

M

G

^A_B

3

0R-

-

-

-

Solenoid valve

Solenoid position

Port size

Electrical connections

Other options

Mount

Station No.

Voltage

Solenoid valve model No.			Fitting CX		Valve installation position																								Quantity
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
4G 3 9R-																													
4G 3 9R-																													
4G 3 9R-																													
4G 3 9R-																													
4G 3 9R-																													
3GA3 9R-																													
3GA3 9R-																													
Masking plate 4G3R-MP-																													
Air supply spacer 4G3R-P-																													
In-stop valve spacer 4G3R-IS																													
Exhaust spacer 4G3R-R-																													
Mounting rail	L ₂ = * Write an integer multiple of 12.5.	Accessory	Blanking plug										Thread plug				Silencer												
			GWP6-B			GWP8-B			GWP10-B				4G3R-08P				SLW-10A			SLW-10L									

Issued

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Company

Contact

Order No.

4GA/B
M4GA/B
MN4GA/B
4GA/B (master)
4GB With sensor
4GD/E
M4GD/E
MN4GD/E
4GA/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

M4G2 reduced wiring

M4G^A_B 2-T1/3 Manifold specifications sheet

Issued / /

Company _____

Contact _____

Order No. _____

● Contact ● Quantity set(s) ● Delivery date /

Slip No. _____ Order No. _____

● Manifold model No.

M G^A_B 2 0R- - - -

Solenoid valve Solenoid position Port size Reduced wiring connection Terminal connector pin array Option Mount Station No. Voltage

Solenoid valve model No.		Fitting CX		Valve installation position																								Quantity	
		A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
4G 2 9R- -																													
4G 2 9R- -																													
4G 2 9R- -																													
4G 2 9R- -																													
4G 2 9R- -																													
3G 2 9R- -																													
3G 2 9R- -																													
Masking plate 4G2R-MP(S)-																													
Masking plate 4G2R-MP(D)-																													
Air supply spacer 4G2R-P-																													
In-stop valve spacer 4G2R-IS																													
Exhaust spacer 4G2R-R-																													
Pilot check valve spacer 4G2R-PC																													
Mounting rail L₂= * Write an integer multiple of 12.5.	Accessory	Blanking plug												Thread plug		Silencer													
		GWP4-B						GWP6-B						4G2R-06P				SLW-8S						SLW-8A					
		GWP8-B						GWP10-B																					
		Cable with D sub-connector				4GR-CABLE-D0																							

* Can only be selected for B types.

● Wiring specifications sheet (Not required for standard wiring/double wiring. Complete these specifications when specifying the wiring order and additional cables)

Connector pin No.			Installation position																							
T10/T10R	T11/T11R	T30/T30R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1																								
2	2	14																								
3	3	2																								
4	4	15																								
5	5	3																								
6	6	16																								
7	7	4																								
8	8	17																								
9	9	5																								
10	10	18																								
11	11	6																								
12	12	19																								
13	13	7																								
14	14	20																								
15	15	8																								
16	16	21																								
COM	17	9																								
COM	18	22																								
	19	10																								
	20	23																								
	21	11																								
	22	24																								
	23	12																								
	24	25																								
	COM	13 (COM)																								
	COM																									

M4G3 reduced wiring

M4G^A_B 3-T1/3 Manifold specifications sheet

Issued / /

● Contact ● Quantity set(s) ● Delivery date /

Slip No. Order No.

Company

Contact

Order No.

● Manifold model No.

M **G^A_B 3** **0R-** - - -

Solenoid valve Solenoid position Port size Reduced wiring connection Terminal connector pin array Option Mount Station No. Voltage

Solenoid valve model No.			Fitting CX		Valve installation position																								Quantity
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
4G	3	9R-																											
4G	3	9R-																											
4G	3	9R-																											
4G	3	9R-																											
4G	3	9R-																											
3GA3		9R-																											
3GA3		9R-																											
Masking plate 4G3R-MP(S)-																													
Masking plate 4G3R-MP(D)-																													
Air supply spacer 4G3R-P-																													
In-stop valve spacer 4G3R-IS																													
Exhaust spacer 4G3R-R-																													
Mounting rail	L ₂ = * Write an integer multiple of 12.5.	Accessory	Blanking plug												Thread plug				Silencer										
			GWP6-B		GWP8-B		GWP10-B				4G3R-08P				SLW-10A				SLW-10L										
			Cable with D sub-connector				4GR-CABLE-D0□ - □																						

● Wiring specifications sheet (Not required for standard wiring/double wiring. Complete these specifications when specifying the wiring order and additional cables)

Connector pin No.			Installation position																									
T10/T10R	T11/T11R	T30/T30R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	1	1																										
2	2	14																										
3	3	2																										
4	4	15																										
5	5	3																										
6	6	16																										
7	7	4																										
8	8	17																										
9	9	5																										
10	10	18																										
11	11	6																										
12	12	19																										
13	13	7																										
14	14	20																										
15	15	8																										
16	16	21																										
COM	17	9																										
COM	18	22																										
	19	10																										
	20	23																										
	21	11																										
	22	24																										
	23	12																										
	24	25																										
	COM	13 (COM)																										
	COM																											

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

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys (Total Air)

TotAirSys (Gamma)

Ending

- 4GA/B
- M4GA/B
- MN4GA/B
- 4GA/B
(master)
- 4GB
With sensor
- 4GD/E
- M4GD/E
- MN4GD/E
- 4GA/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

M4G1 Wire Saving

M4G^A_B1-T5 Manifold specification

Issued / /

Company

Contact

Order No.

● Responsible ● quantity set ● Delivery date

Voucher No. Order No.

● manifold model number

M G^A_B 1 0R- - - -

solenoid valve switching location classification connection aperture Wire Saving Connection terminal connector pin array system Optional Mount series Voltage

solenoid valve model number			Joint CX		valve installation position																								number of uses	
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
4G	1	9R																												
4G	1	9R																												
4G	1	9R																												
4G	1	9R																												
4G	1	9R																												
3G	1	9R																												
3G	1	9R																												
MASKING PLATE																														
4G1R-MP(S)-																														
MASKING PLATE																														
4G1R-MP(D)-																														
AIR SUPPLY SPACER																														
4G1R-P-																														
INSTEP VALVE SPACER																														
4G1R-IS																														
exhaust spacer																														
4G1R-R-																														
PILOT CHECK VALVE SPACER																														
4G1R-PC-																														
installation rail	L ₂ = *Enter a value that is an integer multiple of 12.5.	attachment parts	blank plug										screw plug				Silencer													
			PG-P2-B					GWP4-B					4G1R-M5P				SLW-6S				SLW-6A									
			GWP6-B					GWP8-B																						
			Push-in fitting tube remover (attached as standard) ☐ Not required (check the box)(dard addition)																											

*M4GB C8 does not have a tube stripper.

● Wiring specifications (not required for standard or double wiring). Specify the wiring sequence and the additional cables.)

Connector Pin No.				installation location																							
T50/T50R	T51/T51R	T52/T52R	T53/T53R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1																								
2	2	2	2																								
3	3	3	3																								
4	4	4	4																								
5	5	5	5																								
6	6	6	6																								
7	7	7	7																								
8	8	8	8																								
9 - Power supply	9	9	COM	9																							
10 +(COM)Power	10	10	COM	10																							
11	11		11																								
12	12		12																								
13	13		13																								
14	14		14																								
15	15		15																								
16	16		16																								
17	17		17																								
18	18		18																								
19 - Power supply	19	COM	19																								
20 +(COM)Power	20	COM	20																								
			21																								
			22																								
			23																								
			24																								
			25	COM																							
			26	COM																							

*: Please note that the polarity of COM is + (plus) when the wiring system is T50 type.

*: For the T50 routing scheme, the connector pins NO.9, 10, 19, and 20 are not allowed because they are for external input power.

M4G2 reduced wiring

M4G^A_B 2-T5 Manifold specifications sheet

Issued / /

Company

Contact

Order No.

● Contact

● Quantity

set(s)

● Delivery date /

Slip No.

Order No.

● Manifold model No.

M G^A_B 2 0R- - - -

Solenoid valve Solenoid position Port size Reduced wiring connection Terminal connector pin array Option Mount Station No. Voltage

Solenoid valve model No.			Fitting CX		Valve installation position																								Quantity
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
4G	2	9R-																											
4G	2	9R-																											
4G	2	9R-																											
4G	2	9R-																											
4G	2	9R-																											
3G	2	9R-																											
3G	2	9R-																											
Masking plate 4G2R-MP(S)-																													
Masking plate 4G2R-MP(D)-																													
Air supply spacer 4G2R-P-																													
In-stop valve spacer 4G2R-IS																													
Exhaust spacer 4G2R-R-																													
Pilot check valve spacer 4G2R-PC																													
Mounting rail	L ₂ =	Accessory	Blanking plug												Thread plug				Silencer										
			GWP4-B						GWP6-B						4G2R-06P				SLW-8S				SLW-8A						
			GWP8-B						GWP10-B																				
* Write an integer multiple of 12.5.																													

* Can only be selected for B types.

● Wiring specifications sheet (Not required for standard wiring/double wiring. Complete these specifications when specifying the wiring order and additional cables)

Connector pin No.				Installation position																							
T50/T50R	T51/T51R	T52/T52R	T53/T53R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1																								
2	2	2	2																								
3	3	3	3																								
4	4	4	4																								
5	5	5	5																								
6	6	6	6																								
7	7	7	7																								
8	8	8	8																								
9 - Power supply	9	9 COM	9																								
10 + (COM) Power supply	10	10 COM	10																								
11	11		11																								
12	12		12																								
13	13		13																								
14	14		14																								
15	15		15																								
16	16		16																								
17	17		17																								
18	18		18																								
19 - Power supply	19 COM		19																								
20 + (COM) Power supply	20 COM		20																								
			21																								
			22																								
			23																								
			24																								
			25 COM																								
			26 COM																								

* Note that when T50 type wiring is used, the COM polarity is + (plus).

* When T50 wiring is used, connector pin numbers 9, 10, 19, and 20 cannot be specified, because they are used for the external input power supply.

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

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys

(Total Air)

TotAirSys

(Gamma)

Ending

M4G1 Serial Transmission Type

M4G^A_B1-T6G1 Manifold specification

Issued / /

Company

Responsible

Order No.

● Responsible

● quantity set

● Delivery date

Voucher No.

Order No.

● manifold model number

M **G^A_B1** **0R-** **T6G1** **D** - **3**

Solenoid valve Switching location classification Connection aperture Serial transmission Terminal/Connector Pin Arrangement System Optional Series Voltage

solenoid valve model number			Joint CX		valve installation position																number of uses
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
4G	1	9R-																			
4G	1	9R-																			
4G	1	9R-																			
4G	1	9R-																			
4G	1	9R-																			
3G	1	9R-																			
3G	1	9R-																			
MASKING PLATE 4G1R-MP(S)-																					
MASKING PLATE 4G1R-MP(D)-																					
AIR SUPPLY SPACER 4G1R-P-																					
INSTEP VALVE SPACER 4G1R-IS																					
exhaust spacer 4G1R-R-																					
PILOT CHECK VALVE SPACER 4G1R-PC-																					
installation rail	L ₂ = *Enter a value that is an integer multiple of 12.5.	attachment parts	blank plug								screw plug				Silencer						
			PG-P2-B		GWP4-B		4G1R-M5P		SLW-6S		SLW-6A										
			GWP6-B		GWP8-B																
			Push-in fitting tube remover (attached as standard) ☐ Not required (check the box)																		

*M4GB C8 does not have a tube stripper.

● Wiring specifications (not required for standard or double wiring). Specify the wiring sequence and the additional cables.)

Connector Pin NO.			installation location																	
T6G1			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
T6G1:CC-Link 16 points	1																			
	2																			
	3																			
	4																			
	5																			
	6																			
	7																			
	8																			
	9																			
	10	COM																		
	11																			
	12																			
	13																			
	14																			
	15																			
	16																			
	17																			
	18																			
	19																			
	20	COM																		

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

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys

(Total Air)

TotAirSys

(Gamma)

Ending

- 4GA/B
- M4GA/B
- MN4GA/B
- 4GA/B
(master)
- 4GB
With sensor
- 4GD/E
- M4GD/E
- MN4GD/E
- 4GA/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

M4G2 Serial transmission

M4G^A_B2-T6G1 Manifold specifications sheet

● Contact

● Quantity

set(s)

● Delivery date

/

Slip No.

Order No.

Issued

/

/

Company

Contact

Order No.

● Manifold model No.

MG^A_B20R--T6G1D--3

Solenoid valve

Solenoid position

Port size

Serial transmission

Terminal/connector pin array

Option

Station No.

Voltage

Solenoid valve model No.			Fitting CX		Valve installation position																Quantity
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
4G 2 9R-																					
4G 2 9R-																					
4G 2 9R-																					
4G 2 9R-																					
4G 2 9R-																					
3G 2 9R-																					
3G 2 9R-																					
Masking plate 4G2R-MP(S)-																					
Masking plate 4G2R-MP(D)-																					
Air supply spacer 4G2R-P-																					
In-stop valve spacer 4G2R-IS																					
Exhaust spacer 4G2R-R-																					
Pilot check valve spacer 4G2R-PC																					
Mounting rail	L ₂ = * Write an integer multiple of 12.5.	Accessory	Blanking plug								Thread plug		Silencer								
			GWP4-B					GWP6-B			4G2R-06P			SLW-8S			SLW-8A				
			GWP8-B					GWP10-B													

● Wiring specifications sheet (Not required for standard wiring/double wiring. Complete these specifications when specifying the wiring order and additional cables)

Connector pin No.			Installation position																	
T6G1			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
T6G1: CC-Link 16 points	1																			
	2																			
	3																			
	4																			
	5																			
	6																			
	7																			
	8																			
	9																			
	10 COM																			
	11																			
	12																			
	13																			
	14																			
	15																			
	16																			
	17																			
	18																			
	19																			
	20 COM																			

M4G3 Serial transmission

M4G^A_B3-T6G1 Manifold specifications sheet

Issued / /

● Contact

● Quantity

set(s)

● Delivery date /

Company

Contact

Order No.

Slip No.

Order No.

● Manifold model No.

M **G^A_B3** **0R-** - **T6G1** **D-** - **3**

Solenoid valve Solenoid position Port size Serial transmission Terminal/connector pin array Option Station No. Voltage

Solenoid valve model No.			Fitting CX		Valve installation position																Quantity
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
4G	3	9R-																			
4G	3	9R-																			
4G	3	9R-																			
4G	3	9R-																			
4G	3	9R-																			
3GA3		9R-																			
3GA3		9R-																			
Masking plate 4G3R-MP(S)-																					
Masking plate 4G3R-MP(D)-																					
Air supply spacer 4G3R-P-																					
In-stop valve spacer 4G3R-IS																					
Exhaust spacer 4G3R-R-																					
Mounting rail	L ₂ =		Accessory	Blanking plug								Thread plug			Silencer						
				GWP6-B		GWP8-B				GWP10-B		4G3R-08P		SLW-10A				SLW-10L			
* Write an integer multiple of 12.5.																					

● Wiring specifications sheet (Not required for standard wiring/double wiring. Complete these specifications when specifying the wiring order and additional cables)

Connector pin No.			Installation position																	
T6G1			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
T6G1: CC-Link 16 points	1																			
	2																			
	3																			
	4																			
	5																			
	6																			
	7																			
	8																			
	9																			
	10	COM																		
	11																			
	12																			
	13																			
	14																			
	15																			
	16																			
	17																			
	18																			
	19																			
	20	COM																		

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

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys

(Total Air)

TotAirSys

(Gamma)

Ending

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

M4G1 Serial transmission thin

M4G^A_B1-T8 Manifold specification sheet

Issued / /

Company

Responsible

Order No.

● Responsible ● quantity set ● Delivery date

Voucher No. Order No.

● manifold model number

M G^A_B1 0R- - - - 3

Solenoid valve Switching location classification Connection aperture Serial transmission Terminal/connector pin array Optional Mount Type Series Voltage

solenoid valve model number			Joint CX		valve installation position																				number of uses
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
4G	1	9R-																							
4G	1	9R-																							
4G	1	9R-																							
4G	1	9R-																							
4G	1	9R-																							
4G	1	9R-																							
4G	1	9R-																							
MASKING PLATE 4G1R-MP(S)-																									
MASKING PLATE 4G1R-MP(D)-																									
AIR SUPPLY SPACER 4G1R-P-																									
INSTEP VALVE SPACER 4G1R-IS																									
exhaust spacer 4G1R-R-																									
PILOT CHECK VALVE SPACER 4G1R-PC-																									
installation rail	L ₂ *Enter a value that is an integer multiple of 12.5.	attachment parts	blank plug										screw plug				Silencer								
			PG-P2-B		GWP4-B				4G1R-M5P				SLW-6S				SLW-6A								
			GWP6-B		GWP8-B																				
			Push-in fitting tube remover (attached as standard) ☐ Not required (check the box)																						

*M4GB C8 does not have a tube stripper.

● Wiring specifications sheet (Not required for standard wiring/double wiring. Complete these specifications when specifying the wiring order and additional cables)

Connector Pin NO.				installation location																			
T8*				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
T8G1	CC-Link	NPN	16 points	1																			
T8G2			32 points	2																			
T8GP1		PNP	16 points	3																			
T8GP2			32 points	4																			
T8P1	PROFIBUS-DP	NPN	16 points	5																			
T8P2			32 points	6																			
T8PP1		PNP	16 points	7																			
T8PP2			32 points	8																			
T8EC1	EtherCAT	NPN	16 points	9																			
T8EC2			32 points	10																			
T8ECP1		PNP	16 points	11																			
T8ECP2			32 points	12																			
T8EN1	EtherNet/IP	NPN	16 points	13																			
T8EN2			32 points	14																			
T8ENP1		PNP	16 points	15																			
T8ENP2			32 points	16																			
T8D1	DeviceNet	NPN	16 points	17																			
T8D2			32 points	18																			
T8DP1		PNP	16 points	19																			
T8DP2			32 points	20																			
T8EB1	CC-Link IEF Basic	NPN	16 points	21																			
T8EB2			32 points	22																			
T8EBP1		PNP	16 points	23																			
T8EBP2			32 points	24																			
T8EP1	PROFINET	NPN	16 points	25																			
T8EP2			32 points	26																			
T8EPP1		PNP	16 points	27																			
T8EPP2			32 points	28																			

M4G2 Serial transmission thin

M4G^A_B 2-T8 Manifold specifications sheet

● Contact ● Quantity set(s) ● Delivery date /
 Slip No. Order No.

Issued / /
 Company
 Contact
 Order No.

● Manifold model No.

M **G^A_B 2** **0R-** - - - **3**
 Solenoid valve Solenoid position Port size Serial transmission Terminal/connector pin array Option Mount Station No. Voltage

Solenoid valve model No.			Fitting CX		Valve installation position																				Quantity
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
4G	2	9R-																							
4G	2	9R-																							
4G	2	9R-																							
4G	2	9R-																							
4G	2	9R-																							
3G	2	9R-																							
3G	2	9R-																							
Masking plate 4G2R-MP(S)-																									
Masking plate 4G2R-MP(D)-																									
Air supply spacer 4G2R-P-																									
In-stop valve spacer 4G2R-IS																									
Exhaust spacer 4G2R-R-																									
Pilot check valve spacer 4G2R-PC																									
Mounting rail	L2=	Accessory	Blanking plug										Thread plug				Silencer								
			GWP4-B				GWP6-B						4G2R-06P				SLW-8S				SLW-8A				
			GWP8-B				GWP10-B																		
* Write an integer multiple of																									

● Wiring specifications sheet (Not required for standard wiring/double wiring. Complete these specifications when specifying the wiring order and additional cables)

Connector pin No.				Installation position																					
T8*				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
T8G1	CC-Link	NPN	16 points	1																					
T8G2			32 points	2																					
T8GP1			16 points	3																					
T8GP2	PROFIBUS-DP	PNP	32 points	4																					
T8P1			16 points	5																					
T8P2			32 points	6																					
T8PP1	EtherCAT	NPN	16 points	7																					
T8PP2			32 points	8																					
T8EC1			16 points	9																					
T8EC2	EtherNet/IP	PNP	32 points	10																					
T8ECP1			16 points	11																					
T8ECP2			32 points	12																					
T8EN1	DeviceNet	NPN	16 points	13																					
T8EN2			32 points	14																					
T8ENP1			16 points	15																					
T8ENP2	PROFINET	PNP	32 points	16																					
T8D1			16 points	17																					
T8D2			32 points	18																					
T8DP1	IEF Basic	NPN	16 points	19																					
T8DP2			32 points	20																					
T8EB1			16 points	21																					
T8EB2	PROFINET	PNP	32 points	22																					
T8EBP1			16 points	23																					
T8EBP2			32 points	24																					
T8EP1	IEF Basic	NPN	16 points	25																					
T8EP2			32 points	26																					
T8EPP1			16 points	27																					
T8EPP2	PROFINET	PNP	32 points	28																					
			16 points	29																					
			32 points	30																					
				31																					
				32																					

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

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys (Total Air)

TotAirSys (Gamma)

Ending

