

- 4GA/B
- M4GA/B
- MN4GA/B
- 4GA/B (mastr)
- 4GD/E
- M4GD/E
- MN4GD/E
- 4GA4/B4
- MN3E  
MN4E
- W4GA/B2
- W4GB4
- 4TB
- 4L2-4/  
LMF0
- MN3S0  
MN4S0
- 4SA/B0
- 4KA/B
- 4KA/B (mastr)
- 4F
- 4F (mastr)
- PV5G  
GMF
- PV5  
GMF
- PV5S-0
- 3QR  
3QB
- MV3QR
- 3MA/B0
- 3PA/B
- P/M/B
- NP/NAP/  
NVP
- 4F\*0EX
- 4F\*0E
- HMV  
HSV
- 2QV  
3QV
- SKH
- PCD
- Silencer
- TotAirSys  
(Total Air)
- TotAirSys  
(Gamma)
- Ending

Electric connection circuit diagram

Electrical connections (wiring method)			
Blank	With surge suppressor	N	With surge suppressor and indicator lamp
AC			
DC			

\* Varistor is used as a surge suppressor.

**Discontinue**

Single valve/reduced wiring manifold  
5-port valve pneumatic valve

# 4L2-4/LMF0 Series

● Cylinder bore size: max φ80

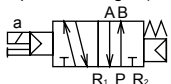


- 4GA/B
- M4GA/B
- MN4GA/B
- 4GA/B (mastr)
- 4GD/E
- M4GD/E
- MN4GD/E
- 4GA4/B4
- MN3E  
MN4E
- W4GA/B2
- W4GB4
- 4TB
- 4L2-4/  
LMF0**
- MN3S0  
MN4S0
- 4SA/B0
- 4KA/B
- 4KA/B (mastr)
- 4F
- 4F (mastr)
- PV5G  
GMF
- PV5  
GMF
- PV5S-0
- 3QR  
3QB
- MV3QR
- 3MA/B0
- 3PA/B
- P/M/B
- NP/NAP/  
NVP
- 4F\*0EX
- 4F\*0E
- HMV  
HSV
- 2QV  
3QV
- SKH
- PCD
- Silencer
- TotAirSys  
(Total Air)
- TotAirSys  
(Gamma)
- Ending

## JIS symbol

● 5-port valve

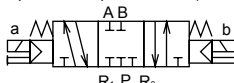
2-position single (FG-S)



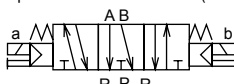
2-position double (FG-D)



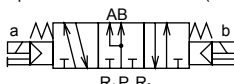
3-position all ports closed (FHG-D)



3-position A/B/R connection (FJG-D)



3-position P/A/B connection (FIG-D)



## Common specifications

Descriptions	Content
Valve and operation	Pilot operated soft spool valve
Working fluid	Compressed air
Max. working pressure MPa	0.97 (≈140 psi, 9.7 bar)
Min. working pressure MPa	Refer to Individual specifications listed below
Proof pressure MPa	1.47 (≈210 psi, 14.7 bar)
Ambient temperature °C	-5 (23°F) to 60 (140°F) (no freezing)
Operating ambient temperature °C	5 (41°F) to 60 (140°F)
Lubrication	Not required
Degree of protection	Dust-proof
Vibration resistance m/s <sup>2</sup>	50 or less
Shock resistance m/s <sup>2</sup>	300 or less
Atmosphere	Cannot be used in corrosive gas environments

## Electrical specifications

Descriptions	Content		
Rated voltage	AC	100, 200(50/60 Hz)	
	DC	24	
Voltage fluctuation range	±10%		
Starting current	AC	100 V	0.056/0.044
		200 V	0.034/0.026
Holding current	AC	100 V	0.028/0.022
		200 V	0.017/0.013
Power consumption	DC	24 V	0.075
		AC	100 V
W	DC	200 V	2.1/1.6
		24 V	1.8
Thermal class	B (molded coil)		
Surge suppressor	Varistor		
Indicator	Light (option)		

Reference: 100 VAC 50/60 Hz can be used with a rated voltage of 110 VAC 60 Hz and 200 VAC 50/60 Hz can be used with 220 VAC 60 Hz.

## Individual specifications

Model No.	4L2-4-FG-S	4L2-4-FG-D	4L2-4-FHG-D	4L2-4-FJG-D	4L2-4-FIG-D
Position Number of solenoids	2-position	2-position	3-position	3-position	3-position
Descriptions	Single	Double	All ports Block	A/B/R connection	P/A/B connection
Min. working pressure MPa	0.1 (≈15 psi, 1 bar)		0.15 (≈22 psi, 1.5 bar)		
Response time *1 ms	30 or less		60 or less		

\*1: The response time is the value at 0.5 MPa working pressure, with no lubrication. It depends on the pressure and the lubricant quality.

## Flow characteristics

Model No.	Solenoid position	P→A/B		A/B→R1/R2		
		C[dm <sup>3</sup> /(s·bar)]	b	C[dm <sup>3</sup> /(s·bar)]	b	
4L2-4	2-position	2.2	0.20	2.4	0.28	
	3-position	Auto port block	1.8	0.22	2.3	0.27
		A/B/R connection	1.9	0.23	2.3	0.20
		P/A/B connection	2.3	0.16	2.3	0.26

\*1: Effective cross-sectional area S and sonic conductance C are converted as S ≈ 5.0 x C.

## Weight

Model No.	4L2-4-FG-S	4L2-4-FG-D	4L2-4-FHG-D 4L2-4-FJG-D 4L2-4-FIG-D	LMF0 (For T0)	LMF0 (For T6)
Weight (g)	165	235	300	900+260 × station No.	700+260 × station No.

### How to order single valve

4L2-4 - FG - S 1 N - M6 - A02

Model No.

**A** Flow path code

**B** Number of solenoid valves

**C** Rated voltage  
\*1

**D** With/without energizing display lamp

**E** Manual override  
\*2

**F** With/without sub-plate

Code	Content
<b>A Flow path code</b>	
<b>FG</b>	2-position single 2-position double
<b>FHG</b>	3-position all ports closed
<b>FJG</b>	3-position ABR connection
<b>FIG</b>	3-position PAB connection
<b>B Number of solenoid valves</b>	
<b>S</b>	Single solenoid
<b>D</b>	Double solenoid
<b>C Rated voltage</b>	
<b>1</b>	100 VAC
<b>2</b>	200 VAC
<b>3</b>	24 VDC
<b>4</b>	12 VDC
<b>9</b>	Other (voltage specification)
<b>D With/without energizing display lamp</b>	
<b>Blank</b>	None (with surge suppressor)
<b>N</b>	With surge suppressor and indicator lamp
<b>E Manual override</b>	
<b>M6</b>	Upward non-locking (standard)
<b>M0</b>	Lateral non-locking
<b>M1</b>	Lateral locking
<b>M4</b>	Dust cover equipped non-locking
<b>F With/without sub-plate</b>	
<b>Blank</b>	Without sub-plate
<b>A02</b>	With sub-plate

### Precautions for model No. selection

\*1: When the code is 9 (other voltage specification), add the specific voltage at the end of the model No.

\*2: With the combination of manual override M1 (lateral locking) and sub-plate equipped A02, it is only possible to perform manual operation when the terminal box of the sub-plate has been removed.

#### [Example of model No.]

#### 4L2-4-FG-S1N-M6

Model: 5-port valve (pneumatic valve)

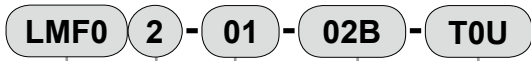
- A** Flow path code : 2-position single
- B** Number of solenoid valves : Single solenoid
- C** Rated voltage : 100 VAC
- D** Power indicator lamp : With surge suppressor and indicator lamp
- E** Manual override : Upward non-locking
- F** Sub-plate : None

4GA/B  
M4GA/B  
MN4GA/B  
4GA/B (mastr)  
4GD/E  
M4GD/E  
MN4GD/E  
4GA4/B4  
MN3E  
MN4E  
W4GA/B2  
W4GB4  
4TB  
4L2-4/LMF0  
MN3S0  
MN4S0  
4SA/B0  
4KA/B  
4KA/B (mastr)  
4F  
4F (mastr)  
PV5G  
GMF  
PV5  
GMF  
PV5S-0  
3QR  
3QB  
MV3QR  
3MA/B0  
3PA/B  
P/M/B  
NP/NAP/  
NVP  
4F\*0EX  
4F\*0E  
HMV  
HSV  
2QV  
3QV  
SKH  
PCD  
Silencer  
TotAirSys  
(Total Air)  
TotAirSys  
(Gamma)  
Ending

# LMFO Series

## How to order reduced wiring manifold

● Common terminal



Model No. ● A Station No.

● B A/B port size

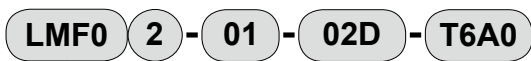
● C P/R1/R2 port size

● D Electrical connections

### Precautions for model No. selection

- \*1: With C4 and C6, screw in push-in fitting GWS4/6-8.
- \*2: With C8, screw in push-in fitting GWS8-8 to P port.
- \*3: With T0U, the common terminal will be on the U side. With T0D, the common terminal will be on the D side.

● Serial transmission



● A Station No.

Model No.

● B A/B port size

● C P/R1/R2 port size

● D Electrical connection (Serial transmission)

### Precautions for model No. selection

- \*1: With C4 and C6, screw in push-in fitting GWS4/6-8.
- \*2: With C8, screw in push-in fitting GWS8-8 to the P-port.

Code	Content
<b>A Station No.</b>	
2	2 stations
3	3 stations
4	4 stations
5	5 stations
6	6 stations
7	7 stations
8	8 stations
9	9 stations
10	10 stations

<b>B A/B port size</b>	
01	Rc1/8 (right side single side piping)
02	Rc1/4 (right side single side piping)
C4	Push-in fitting φ4 (right single side piping) *1
C6	Push-in fitting φ6 (right single side piping) *1
01Z	Rc1/8 (rear piping)
XX	Bore size mix

<b>C P/R1/R2 port size</b>	
02B	Rc1/4 (top and bottom both sides piping)
02D	Rc1/4 (bottom side piping)
02U	Rc1/4 (top side piping)
C8B	Push-in fitting φ8 (both sides piping) *2
C8D	Push-in fitting φ8 (bottom side piping) *2
C8U	Push-in fitting φ8 (top side piping) *2

<b>D Electrical connections</b>	
T0U	Common terminal *3
T0D	Common terminal *3

Code	Content
<b>A Station No.</b>	
2	2 stations
3	3 stations
4	4 stations
5	5 stations
6	6 stations
7	7 stations
8	8 stations

<b>B A/B port size</b>	
01	Rc1/8 (right side single side piping)
02	Rc1/4 (right side single side piping)
C4	Push-in fitting φ4 (right single side piping) *1
C6	Push-in fitting φ6 (right single side piping) *1
01Z	Rc1/8 (rear piping)
XX	Bore size mix

<b>C P/R1/R2 port size</b>	
02D	Rc1/4 (bottom side piping)
C8D	Push-in fitting φ8 (bottom side piping) *2

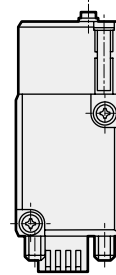
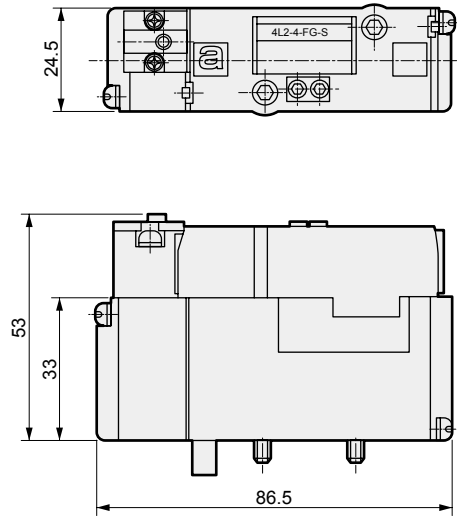
<b>D Electric connection (serial transmission)</b>	
T6A0	UNIWIRES SYSTEM compatible (8 points)
T6A1	UNIWIRES SYSTEM compatible (16 points)
T6D1	DeviceNet (Toyota Machine Works DLNK)
T6G1	CC-Link compatible (16 points) (CLPA, Mitsubishi Electric)
T6J0	UNIWIRES H SYSTEM compatible (8 points)
T6J1	UNIWIRES H SYSTEM compatible (16 points)

## Dimensions



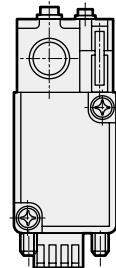
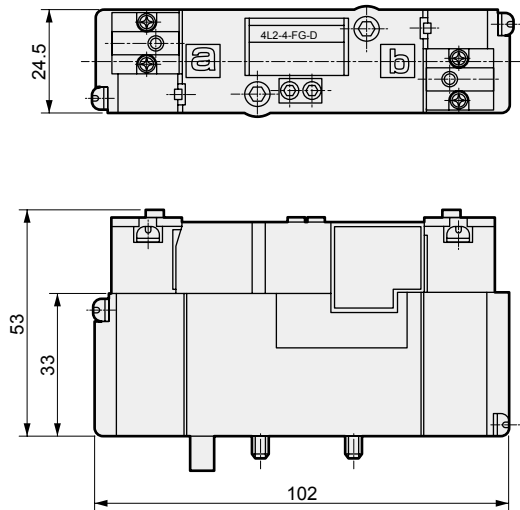
### 4L2-4-FG-S

- 2-position single



### 4L2-4-FG-D

- 2-position double

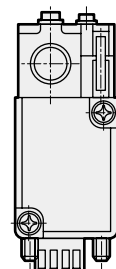
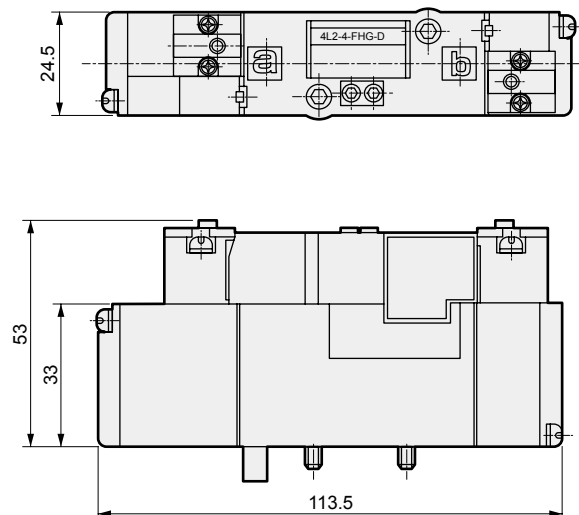


### 4L2-4-FHG-D

### 4L2-4-FJG-D

### 4L2-4-FIG-D

- 3-position



4GA/B
M4GA/B
MN4GA/B
4GA/B (mastr)
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E MN4E
W4GA/B2
W4GB4
4TB
<b>4L2-4/ LMFO</b>
MN3S0 MN4S0
4SA/B0
4KA/B
4KA/B (mastr)
4F
4F (mastr)
PV5G GMF
PV5 GMF
PV5S-0
3QR 3QB
MV3QR
3MA/B0
3PA/B
P/M/B
NP/NAP/ NVP
4F*0EX
4F*0E
HMV HSV
2QV 3QV
SKH
PCD
Silencer
TotAirSys (Total Air)
TotAirSys (Gamma)
Ending

# LMF0 Series

Reduced wiring manifold

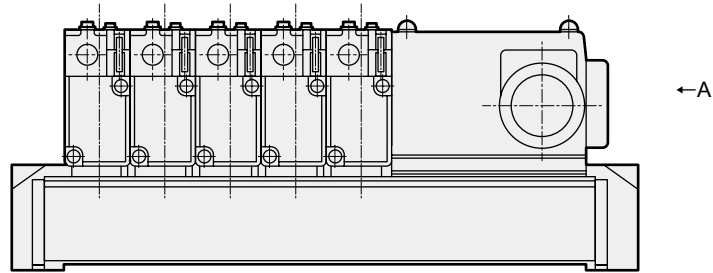
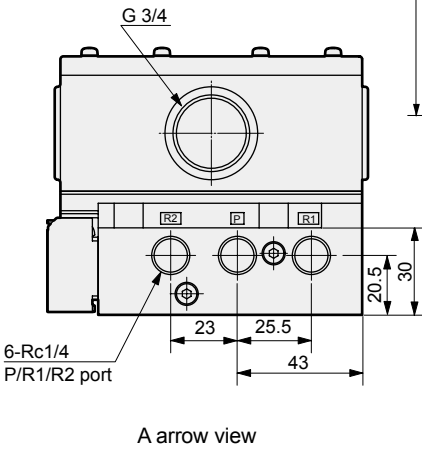
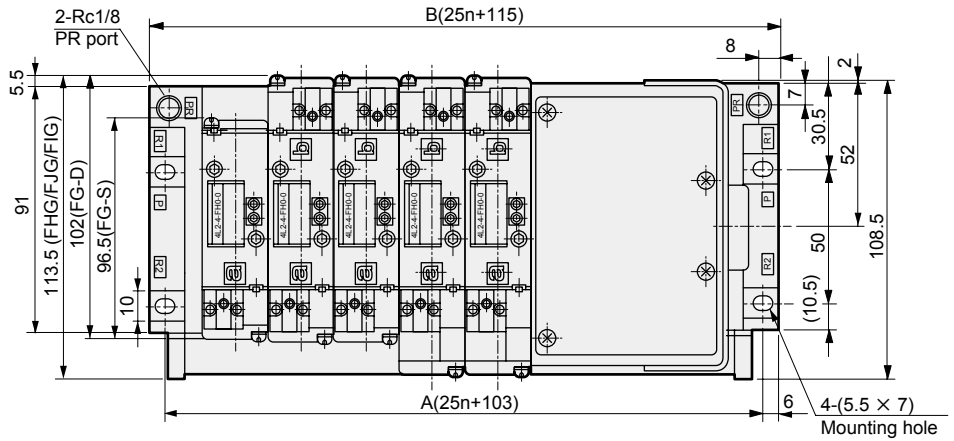
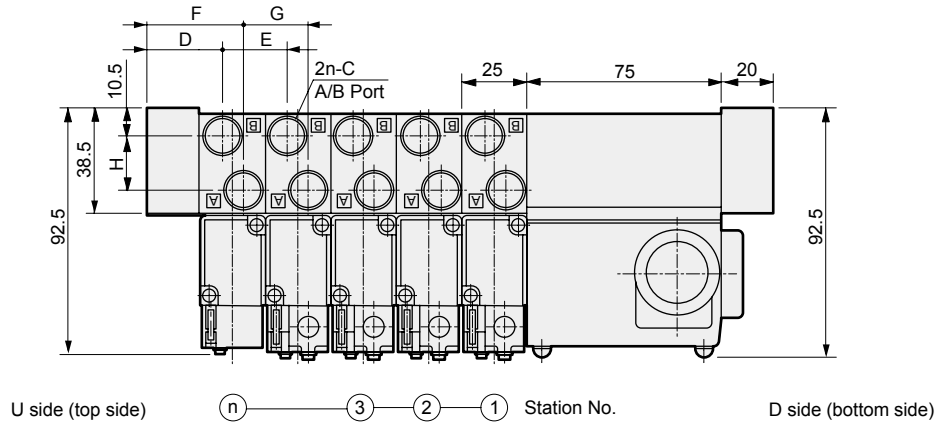
## Dimensions



### LMF0\*-\*-02B-T0D

● Common terminal

- With T0U, the common terminal will be on the U side.
- The numbers will be 1, 2, ..., n in order from those closer to the common terminal.



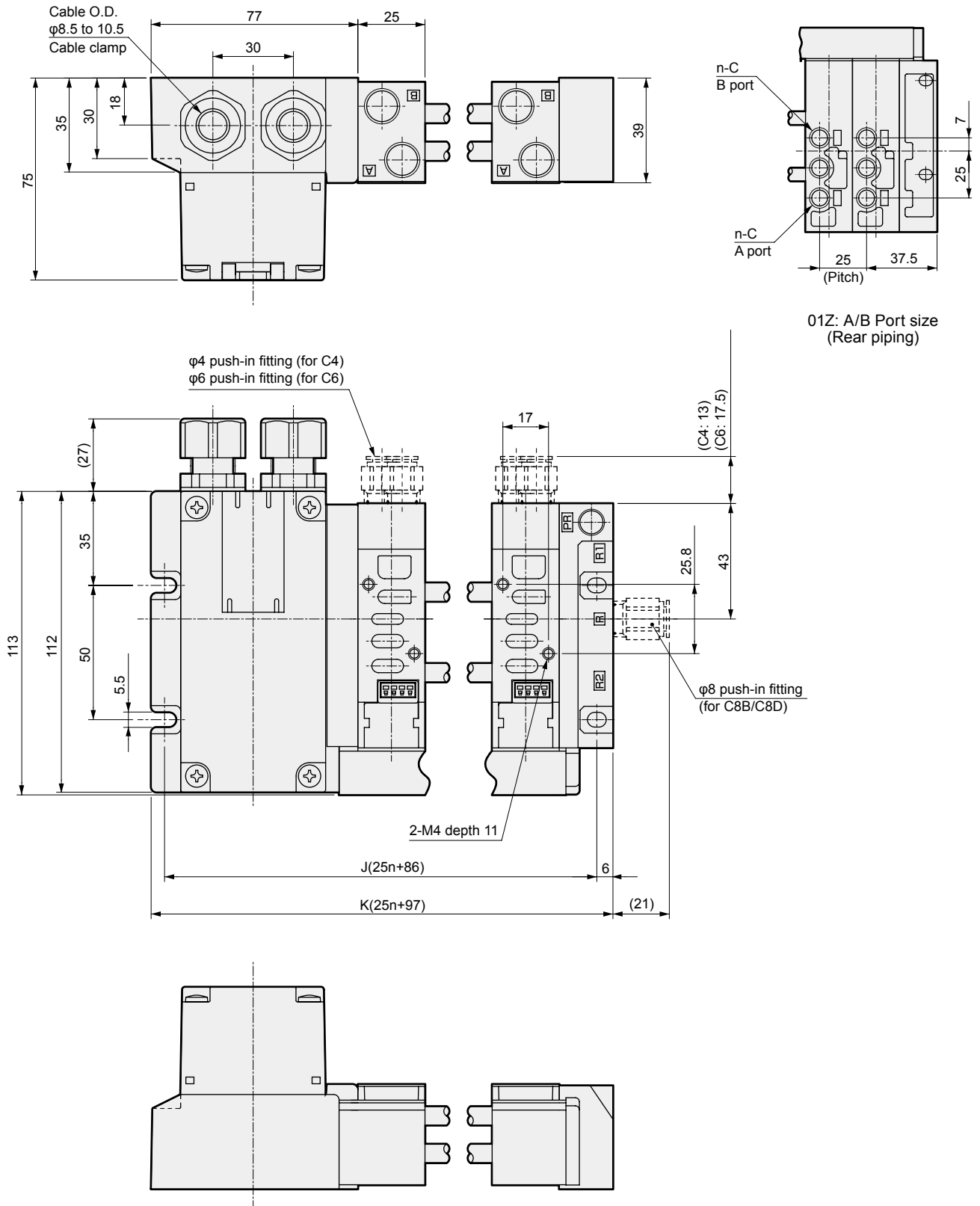
Station No.	2	3	4	5	6	7	8	9	10
A	153	178	203	228	253	278	303	328	353
B	165	190	215	240	265	290	315	340	365

Code	C	D	E	F	G	H
A/B Port size						
01	Rc1/8	28	25	37	25	19.5
02	Rc1/4	29	25	36.5	25	20

## Dimensions

### LMF0\*-\*\*-T6\*

● Serial transmission



01Z: A/B Port size (Rear piping)

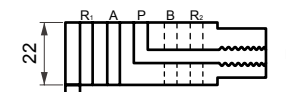
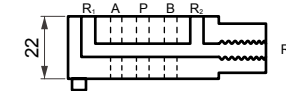
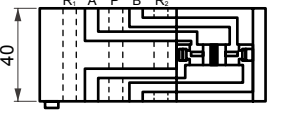


Station No.	2	3	4	5	6	7	8
J	136	161	186	211	236	261	286
K	147	172	197	222	247	272	297

4GA/B
M4GA/B
MN4GA/B
4GA/B (mastr)
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E
MN4E
W4GA/B2
W4GB4
4TB
4L2-4/ LMF0
MN3S0
MN4S0
4SA/B0
4KA/B
4KA/B (mastr)
4F
4F (mastr)
PV5G
GMF
PV5
GMF
PV5S-0
3QR
3QB
MV3QR
3MA/B0
3PA/B
P/M/B
NP/NAP/ NVP
4F*0EX
4F*0E
HMV
HSV
2QV
3QV
SKH
PCD
Silencer
TotAirSys (Total Air)
TotAirSys (Gamma)
Ending

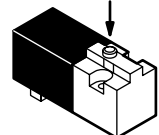
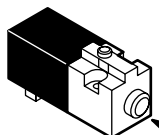
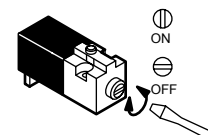
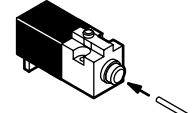
# 4L2-4/LMF0 Series

Option

Option

No.	Descriptions	Model No.	Fig.	Remarks
1	Independent air supply spacer	LMF0-P-01(Rc1/8) 02(Rc1/4)		For individual air supply port Clamp/used for differing pressures
2	Independent exhaust spacer	LMF0-R-01(Rc1/8) 02(Rc1/4)		1-port exhaust with individual exhaust (back pressure countermeasures)
3	Air pilot check valve	LMF0-PC		Retain custom position of cylinder
4	Masking plate	LMF0-OO		4L2-4 For discrete masking
5	Partition board	LMF0-01-P		Manifold P flow path partition
		LMF0-01-R		Manifold R flow path partition

## Manual operating device

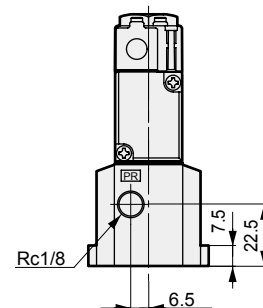
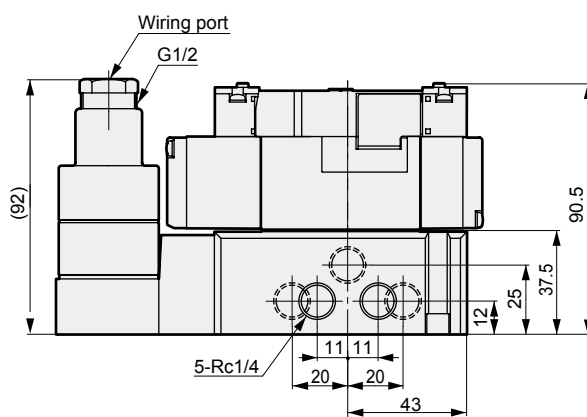
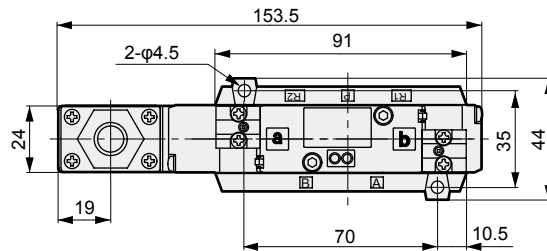
Name (Pilot valve model No.)	Upward non-locking (4L2-4-P5032-M6BR-C)	Lateral non-locking (4L2-4-P5032-M0BR-C)	Lateral locking (4L2-4-P5032-M1BR-C)	Lateral non-locking with dust cover (4L2-4-P5032-M4BR-C)
Option code	M6	M0	M1	M4
Type	 Press with a rod of $\phi 2$ or less	 Press with a rod of $\phi 3$ or less	 Rotate 90° with a flathead (-) screwdriver	 Press with a rod of $\phi 3$ or less

Operation is easy as this is a one-touch (non-locking) which requires just pressing the unit. This is convenient for making adjustments.

Note : Refer to page 1151 for ©.

## Dimensions

● Single sub-plate (4L2-4-F\*G-D mounting example)





Discrete serial transmission slave unit model No. display

**N4T** - **OPP2** - **0A**

**A** Wiring method

Code	Content
<b>A</b> Wiring method	
<b>0A</b>	T6A0 UNIWIRE SYSTEM 8 points
<b>1A</b>	T6A1 UNIWIRE SYSTEM 16 points
<b>1D</b>	T6D1 DeviceNet 16 points
<b>1G</b>	T6G1 CC-Link 16 points
<b>0J</b>	T6J0 UNIWIRE H SYSTEM 8 points
<b>1J</b>	T6J1 UNIWIRE H SYSTEM 16 points

- 4GA/B
- M4GA/B
- MN4GA/B
- 4GA/B (mastr)
- 4GD/E
- M4GD/E
- MN4GD/E
- 4GA4/B4
- MN3E  
MN4E
- W4GA/B2
- W4GB4
- 4TB
- 4L2-4/  
LMF0**
- MN3S0  
MN4S0
- 4SA/B0
- 4KA/B
- 4KA/B (mastr)
- 4F
- 4F (mastr)
- PV5G  
GMF
- PV5  
GMF
- PV5S-0
- 3QR  
3QB
- MV3QR
- 3MA/B0
- 3PA/B
- P/M/B
- NP/NAP/  
NVP
- 4F\*0EX
- 4F\*0E
- HMV  
HSV
- 2QV  
3QV
- SKH
- PCD
- Silencer
- TotAirSys  
(Total Air)
- TotAirSys  
(Gamma)
- Ending

## 4L2-4/LMF0 Series

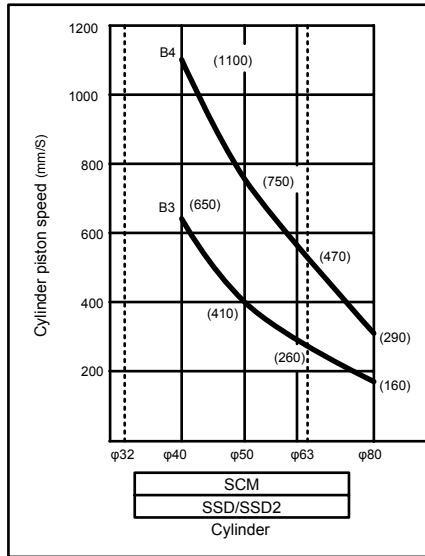
### Technical data ① Pneumatic system selection guide

#### Pneumatic system selection guide

The cylinder piston speed is obtained from the combination of the 4L2-4 series and piping system.

It is expressed by the cylinder's piston speed, obtained by dividing the stroke by the time the piston rod moved after starting, when the cylinder piston rod is installed facing upward.

When the load factor is 50%, the average speed should be approximately the cylinder's piston speed multiplied by 0.5.



#### Piping system

System No.	Speed controller	Silencer	Piping Piping length between valve and cylinder within ( )	Composite effective sectional area by system ( )	Max. flow rate m <sup>3</sup> /min (ANR) P=0.5 MPa
B3	SC1-6	SLW-6A	φ6 x φ4 nylon tube (1 m)	3.9 mm <sup>2</sup>	0.26
B4	SC1-8	SLW-8A	φ10 x φ7.2 nylon tube (1 m)	6.5 mm <sup>2</sup>	0.43

\*1: The circuits described in the pneumatic system device selection guide are those when one cylinder is operated alone.

#### Clean air system components

Part name	Model No.	Port size	Max. flow rate m <sup>3</sup> /min(ANR) *1
F.R.L. combination	K60570-1C-GB	Rc <sup>1</sup> / <sub>8</sub> (6A)	0.2
	K60570-2C-GB	Rc <sup>1</sup> / <sub>4</sub> (8A)	0.3
	K61440E-2C-EGB	Rc <sup>1</sup> / <sub>4</sub> (8A)	1.3
	K61440E-3C-EGB	Rc <sup>3</sup> / <sub>8</sub> (10A)	1.5
	K61440E-2C-EGBJ	Rc <sup>1</sup> / <sub>4</sub> (8A)	1.3
	K61440E-3C-EGBJ	Rc <sup>3</sup> / <sub>8</sub> (10A)	1.5
	C3000-8-W	Rc <sup>1</sup> / <sub>4</sub> (8A)	1.3
	C3000-10-W	Rc <sup>3</sup> / <sub>8</sub> (10A)	1.8
F/R Unit	W3000-8-W	Rc <sup>1</sup> / <sub>4</sub> (8A)	2
	W3000-10-W	Rc <sup>3</sup> / <sub>8</sub> (10A)	2.4

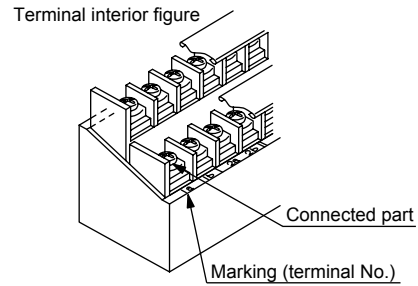
\*1: FRL combination, FR unit, primary pressure 0.7 MPa, set pressure 0.5 MPa, Δ0.1 MPa

● With the relation in the above table, select a model with a capacity margin by using the required flow rate as a guide.

**Common terminal: wiring method T0**

**T0 terminal**

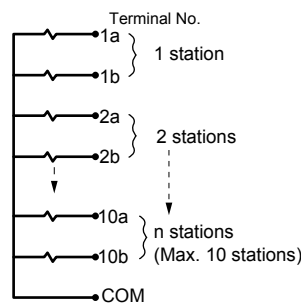
- With the common terminal box, the common wiring is internal processed beforehand.  
In addition, the terminal numbers (listed on the terminal block covers) correspond to the manifold solenoids as shown below.
- The manifold station numbers are set in order from the side of the wiring block.



- Use a JIS C3312 (600 V vinyl insulated vinyl cable) cable with a conductor sectional area of 0.75 mm<sup>2</sup> or 1.25 mm<sup>2</sup>.
- In order to prevent defective contact and detachment, use a crimping terminal at the tip of the cable.

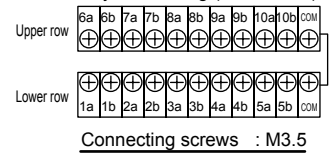
( Example: 1.25-3.7 1.25-M3 1.25-M4 I.D. M3.5 )  
 ( Use items with an outer diameter of φ7 or less. )

Terminal interior connection figure



- 1: The max. station number is 10.
- 2: Can be used with both -COM specifications and +COM specifications.

Terminal layout drawing (TOP VIEW)



4GA/B
M4GA/B
MN4GA/B
4GA/B (mastr)
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E MN4E
W4GA/B2
W4GB4
4TB
<b>4L2-4/ LMF0</b>
MN3S0 MN4S0
4SA/B0
4KA/B
4KA/B (mastr)
4F
4F (mastr)
PV5G GMF
PV5 GMF
PV5S-0
3QR 3QB
MV3QR
3MA/B0
3PA/B
P/M/B
NP/NAP/ NVP
4F*0EX
4F*0E
HMV HSV
2QV 3QV
SKH
PCD
Silencer
TotAirSys (Total Air)
TotAirSys (Gamma)
Ending

## Manifold specifications sheet (common terminal top side)

Issued \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Your company name \_\_\_\_\_

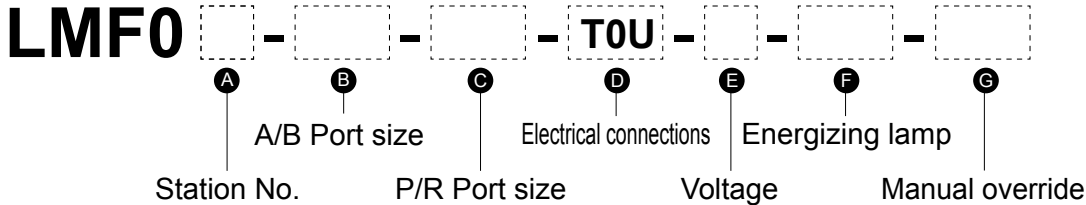
Contact \_\_\_\_\_

Order No. \_\_\_\_\_

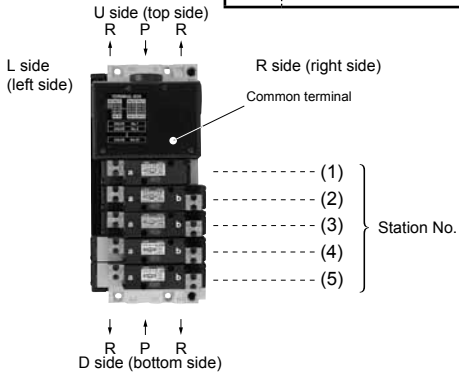
● Contact \_\_\_\_\_ ● Quantity \_\_\_\_\_ set(s) ● Delivery date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Slip No. \_\_\_\_\_ Order No. \_\_\_\_\_

● Manifold model No.



A Station No.	B A/B Port size	C P/R Port size	D Electrical connections
<b>2</b> 2 stations	<b>01</b> Rc1/8 (right side single side piping)	<b>02B</b> Rc1/4 (top and bottom both sides piping)	<b>T0U</b> Common terminal (top side)
<b>to</b> to	<b>02</b> Rc1/4 (right side single side piping)	<b>02D</b> Rc1/4 (bottom side piping)	
<b>10</b> 10 stations	<b>C4</b> Fitting φ4 (right single side piping)	<b>02U</b> Rc1/4 (top side piping)	
	<b>C6</b> Fitting φ6 (right single side piping)	<b>C8B</b> Fitting φ8 (top and bottom both sides piping)	
	<b>01Z</b> Rc1/8 (rear piping)	<b>C8D</b> Fitting φ8 (bottom side piping)	
	<b>XX</b> Bore size mix	<b>C8U</b> Fitting φ8 (top side piping)	



E Voltage	F Energizing lamp	G Manual override
<b>1</b> 100 VAC	<b>Blank</b> None (with surge suppressor)	<b>M6</b> Upward non-locking (standard)
<b>2</b> 200 VAC	<b>N</b> With surge suppressor and indicator lamp	<b>M0</b> Lateral non-locking
<b>3</b> 24 VDC		<b>M1</b> Lateral locking
<b>4</b> 12 VDC		<b>M4</b> Dust cover equipped non-locking
<b>9</b> Other voltage		

★ When placing an order, list the solenoid valve model No. (1) to (6) from the diagram on the 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.

Solenoid valve model No.	
2-position single	4L2-4-FG-S (1)
2-position double	4L2-4-FG-D (2)
3-position all ports closed	4L2-4-FHG-D (3)
3-position A-B-R connection	4L2-4-FJG-D (4)
3-position P-A-B connection	4L2-4-FIG-D (5)
Masking plate	LMF0-00 (6)

Station No.	[U side]										[D side]									
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
Solenoid valve model No.	4L2-4-*																			
When (B) is XX, specify the mixed configuration of the bore size.	01																			
	02																			
	C4																			
	C6																			
	01Z																			
Option	Air supply spacer	01																		
		02																		
Exhaust spacer	01																			
	02																			
Pilot check valve																				
Partition board	Air supply flow path cutoff																			
	Exhaust flow path cutoff																			

## Manifold specifications sheet (common terminal bottom side)

Issued \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Your company name \_\_\_\_\_

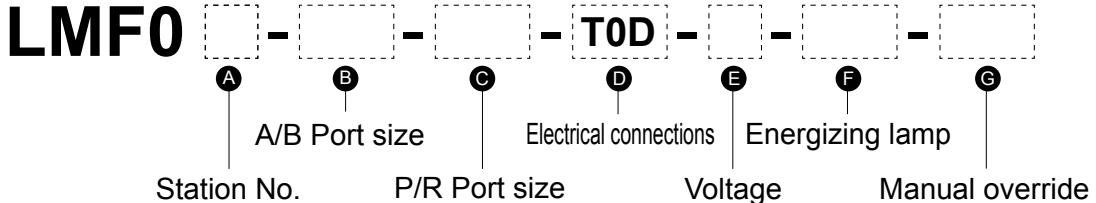
Contact \_\_\_\_\_

Order No. \_\_\_\_\_

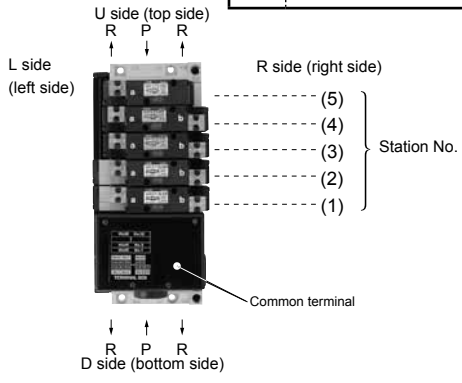
● Contact \_\_\_\_\_ ● Quantity \_\_\_\_\_ set(s) ● Delivery date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Slip No. \_\_\_\_\_ Order No. \_\_\_\_\_

● Manifold model No.



A Station No.	B A/B Port size	C P/R Port size	D Electrical connections
2 : 2 stations	01 Rc1/8 (right side single side piping)	02B Rc1/4 (top and bottom both sides piping)	T0D Common terminal (bottom side)
to to	02 Rc1/4 (right side single side piping)	02D Rc1/4 (bottom side piping)	
10 : 10 stations	C4 Fitting φ4 (right single side piping)	02U Rc1/4 (top side piping)	
	C6 Fitting φ6 (right single side piping)	C8B Fitting φ8 (top and bottom both sides piping)	
	01Z Rc1/8 (rear piping)	C8D Fitting φ8 (bottom side piping)	
	XX Bore size mix	C8U Fitting φ8 (top side piping)	



E Voltage	F Energizing lamp		G Manual override	
1 100 VAC	Blank	None (with surge suppressor)	M6	Upward non-locking (standard)
2 200 VAC		With surge suppressor and indicator lamp	M0	Lateral non-locking
3 24 VDC			M1	Lateral locking
4 12 VDC			M4	Dust cover equipped non-locking
9 Other voltage				

★ When placing an order, list the solenoid valve model No. (1) to (6) from the diagram on the 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.

Solenoid valve model No.	
2-position single	<span style="margin-left: 20px;">4L2-4-FG-S</span> (1)
2-position double	<span style="margin-left: 20px;">4L2-4-FG-D</span> (2)
3-position all ports closed	<span style="margin-left: 20px;">4L2-4-FHG-D</span> (3)
3-position A-B-R connection	<span style="margin-left: 20px;">4L2-4-FJG-D</span> (4)
3-position P-A-B connection	<span style="margin-left: 20px;">4L2-4-FIG-D</span> (5)
Masking plate	LMF0-00 (6)

Station No.		[U side]							[D side]		
		10	9	8	7	6	5	4	3	2	1
Solenoid valve model No.	4L2-4-*										
When ⓐ is XX, specify the mixed configuration of the bore size.	01										
	02										
	C4										
	C6										
	01Z										
Option	Air supply spacer	01									
		02									
	Exhaust spacer	01									
		02									
	Pilot check valve										
Partition board	Air supply flow path cutoff										
	Exhaust flow path cutoff										

- 4GA/B
- M4GA/B
- MN4GA/B
- 4GA/B (mastr)
- 4GD/E
- M4GD/E
- MN4GD/E
- 4GA4/B4
- MN3E
- MN4E
- W4GA/B2
- W4GB4
- 4TB
- 4L2-4/LMFO
- MN3S0
- MN4S0
- 4SA/B0
- 4KA/B
- 4KA/B (mastr)
- 4F
- 4F (mastr)
- PV5G
- GMF
- PV5
- GMF
- PV5S-0
- 3QR
- 3QB
- MV3QR
- 3MA/B0
- 3PA/B
- P/M/B
- NP/NAP/NVP
- 4F\*0EX
- 4F\*0E
- HMV
- HSV
- 2QV
- 3QV
- SKH
- PCD
- Silencer
- TotAirSys (Total Air)
- TotAirSys (Gamma)
- Ending

## Manifold specifications sheet (serial transmission)

Issued \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Your company name \_\_\_\_\_

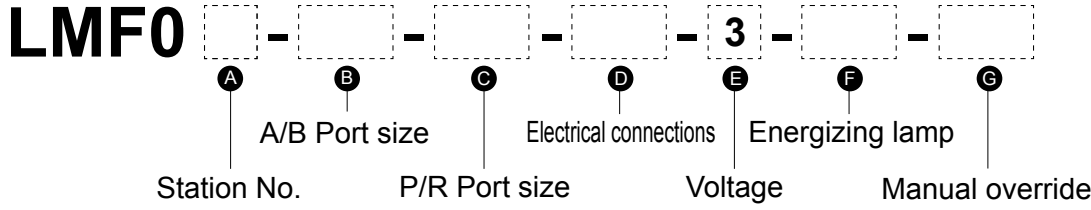
Contact \_\_\_\_\_

Order No. \_\_\_\_\_

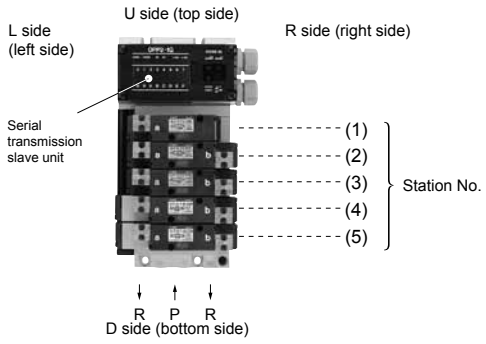
● Contact \_\_\_\_\_ ● Quantity \_\_\_\_\_ set(s) ● Delivery date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Slip No. \_\_\_\_\_ Order No. \_\_\_\_\_

● Manifold model No.



A Station No.	B A/B Port size	C P/R Port size	D Electrical connections
2	01	02D	T6A0
to	02	C8D	T6A1
8	C4		T6D1
	C6		T6G1
	01Z		T6J0
	XX		T6J1



E Voltage	F Energizing lamp	G Manual override
3	Blank	M6
24	None (with surge suppressor)	M0
VDC	N	M1
	With surge suppressor and indicator lamp	M4

★ When placing an order, list the solenoid valve model No. (1) to (6) from the diagram on the 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.

Solenoid valve model No.			
2-position single		4L2-4-FG-S	(1)
2-position double		4L2-4-FG-D	(2)
3-position all ports closed		4L2-4-FHG-D	(3)
3-position A-B-R connection		4L2-4-FJG-D	(4)
3-position P-A-B connection		4L2-4-FIG-D	(5)
Masking plate		LMF0-00	(6)

Station No.		[U side]				[D side]			
		1	2	3	4	5	6	7	8
Solenoid valve model No.	4L2-4-*								
When Ⓟ is XX, specify the mixed configuration of the bore size.	01								
	02								
	C4								
	C6								
	01Z								
Option	Air supply spacer	01							
	Exhaust spacer	01							
	02								
	Pilot check valve								
Partition board	Air supply flow path cutoff								
	Exhaust flow path cutoff								



Pneumatic components

# Safety Precautions

Be sure to read this section before use.

Refer to Intro Page 59 for general precautions for using valves.

Product-specific cautions: 5-port valve (pneumatic valve) 4L2-4 Series

## Mounting, installation and adjustment

### ⚠ CAUTION

- Set the port size Rc1/4 (02) to a tightening torque of 10 N·m or less even when exceeding the appropriate torque.

4GA/B
M4GA/B
MN4GA/B
4GA/B (mastr)
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E MN4E
W4GA/B2
W4GB4
4TB
<b>4L2-4/ LMF0</b>
MN3S0 MN4S0
4SA/B0
4KA/B
4KA/B (mastr)
4F
4F (mastr)
PV5G GMF
PV5 GMF
PV5S-0
3QR 3QB
MV3QR
3MA/B0
3PA/B
P/M/B
NP/NAP/ NVP
4F*0EX
4F*0E
HMV HSV
2QV 3QV
SKH
PCD
Silencer
TotAirSys (Total Air)
TotAirSys (Gamma)
Ending