

Miniature pneumatic valve Block manifold specifications sheet

Issued / /

Company

Contact

Order No.

4GA/B

● Contact

● Quantity

Set

● Delivery date

/

M4GA/B

Slip No.

Order No.

MN4GA/B

● Manifold model No.

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

N P51

B

C

D

E

F

G

H

I

J

Solenoid valve

Manual override

Pressure classification

Other options

Solenoid valve station No.

Orifice

Electrical connections

Coil direction

Voltage

B Solenoid valve station No.	C Solenoid valve	D Orifice	E Manual override	F Electrical connections	Lead wire length
2 2 stations	2 2-port valve	2 ø1.2	M6 Upward non-locking (standard)	E Grommet lead wire	300 mm
3 3 stations	3 3-port valve	6 ø1.6	N No manual override (option)	B Compact terminal box	None
to to	4 5-port valve	8 Mix	M0 Lateral non-locking (standard)	C	300 mm
25 25 stations *	8 Mix		M1 Lateral direction lock (option)	C00	500 mm
			M4 Dust cover equipped non-locking	C01	1000 mm

* The max. station No. is 25.

*1: Use orifice 2 when only using 5-port valves. Use the orifice selected with the 3-port valve when using a mixture of 2 and 3-port valves.

*2: Orifice mixtures of 3-port valves are available as a custom order product.

M0 and M1 are not available with 5-port valves for low vacuum (V).

G Pressure classification	H Coil direction	I Other options
Blank Standard or mixed	Blank Std direction	Blank None
V For low press/vacuum	R 180° rotation	S Surge suppressor attached

V is only applicable to 2, 3-port valves for low pressure (0 to 0.29 MPa) / low vacuum (3.3 to 101.0 kPa (abs) (25 to 760 Torr)). Draw in the vacuum from port P (S). Models for low pressure/low vacuum are not available with only 5-port valves.

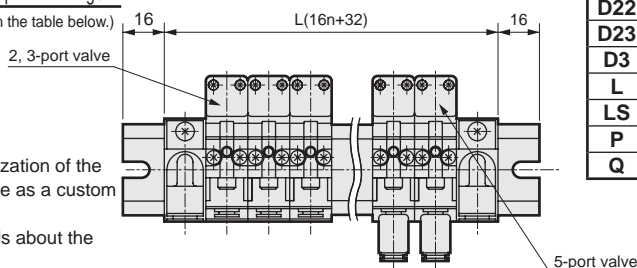
R is available as standard only with electrical connections: E (grommet lead wire). Consult with CKD for other electrical connections.

The grommet lead wire for 24 VDC or less is the suppression.

X Continuous energization (custom order product 5-port valve only)

J Voltage	K Piping
100 VAC	UH4 Upward piping push-in fitting ø4
200 VAC	SH4 Side piping push-in fitting ø4
12 VDC	(Fill in with field C in the table below.)
24 VDC	
110 VAC	
220 VAC	

● The diagram below illustrates side piping.



* The continuous energization of the 5-port valve is available as a custom order (code "X"). Contact CKD for details about the specifications.

Installation position No. 1 2 3 n-1 n

When filling in this field, select the model No. from "Block configurations" (pages 1666 and 1667). * n indicates the number of blocks.

	Part name	Model No.	Installation position No. (up to a max. of 25 stations)																														Quantity
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
A	End plate for left side air supply	PL <input type="text"/> H6																															
	End plate for left side exhaust	RL <input type="text"/> H6																															
B	End plate for right side air supply	PR <input type="text"/> H6																															
	End plate for right side exhaust	RR <input type="text"/> H6																															
C	Sub-block with solenoid valve	N51 <input type="text"/> C <input type="text"/> D <input type="text"/> - <input type="text"/> K <input type="text"/>																															
		N51 <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/>																															
		N51 <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/>																															
E	Intermediate air supply plate	PM <input type="text"/> <input type="text"/> <input type="text"/> H6																															
	Intermediate exhaust plate	RM <input type="text"/> <input type="text"/> <input type="text"/> H6																															
F	Silencer (for ø6 push-in)	SLW-H6	List the number of units to be used in the field for the number of units to be used.																														
	Plug (for ø4 push-in)	GWP4-B																															
	Mounting rail length		LB= <input type="text"/>	<input type="text"/> When instructions are not provided within, units will be shipped with the standard dimensions ("L" on pages 1664 and 1665).																													

Mark instructions inside . Specify the installation position numbers with a circle within in the order of 1... n from the left side when viewing the diagram on the top right.