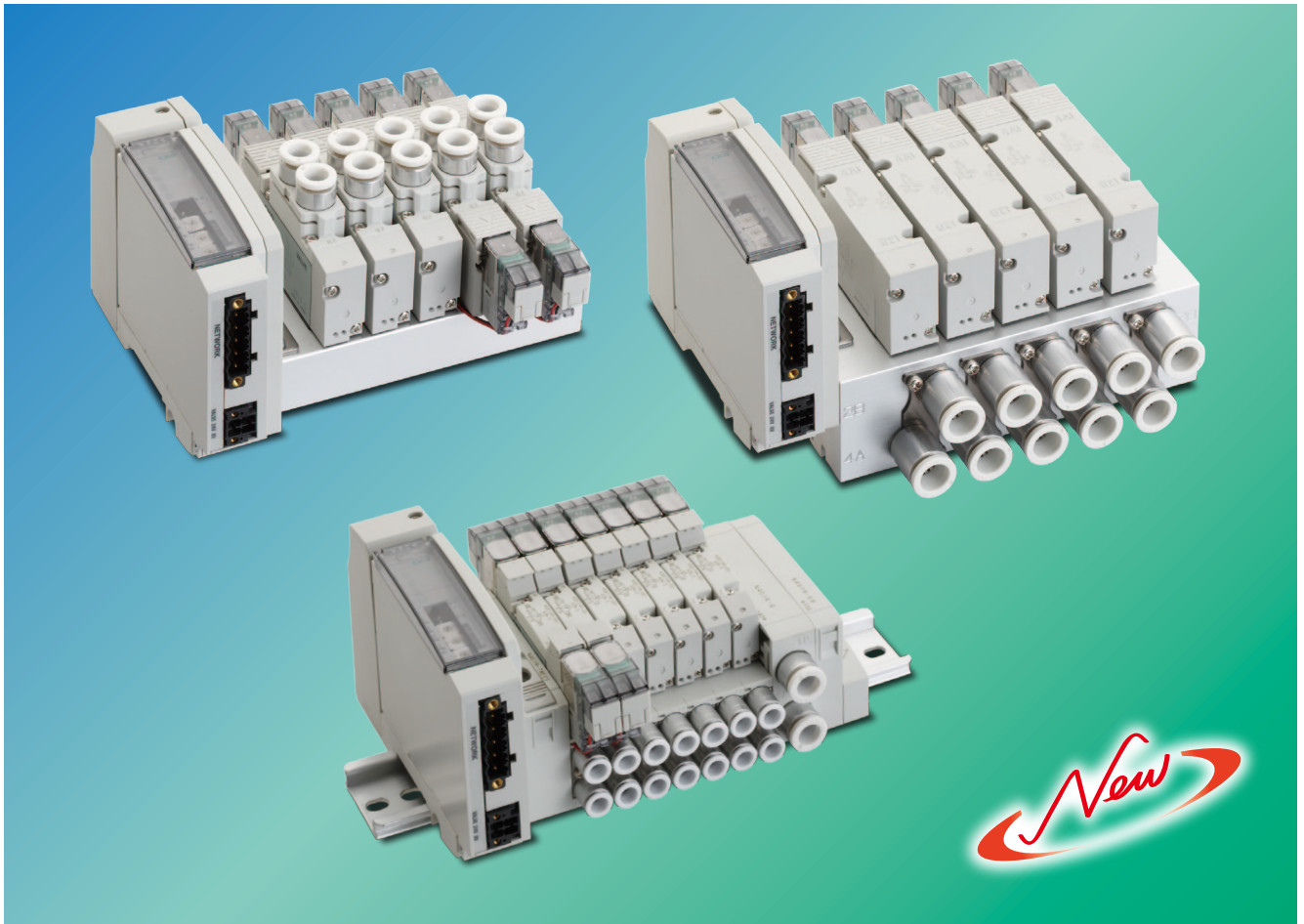


DeviceNet Compatible Serial Transmission Slave (Adapter) Unit M4G/MN4G-T8 Series



DeviceNet compatible 32-point slave (adapter) unit added to 4GA/B, D/E Series

Overview

The addition of the DeviceNet slave (adapter) unit T8 Series has enabled selection between 16 and 32 points and between NPN and PNP output.

Features

- The QuickConnect function shortens the time until communication is established.
- Address configuration is now possible via the network.



Always read the precautions described in “Pneumatic Valves (Catalog No. CB-023SA)” before use.

M4G/MN4G-T8 Series

Specifications Refer to the Pneumatic Valves Catalog (No.CB-023SA) as well.

Descriptions		T8D1	T8D2	T8DP1	T8DP2
Communication system name		DeviceNet			
Power supply voltage	Communication side	11 to 25 VDC			
	Valve side	24 VDC +10%, -5%			
Current consumption	Communication side	70 mA or less			
	Valve side	15 mA or less (excluding load current)			
Output		NPN output		PNP output	
Output points		16 points	32 points	16 points	32 points
Address setting		Selectable between switch and software setting			
Communication speed setting	Switch setting	0/1/2/4/5			
		125 kbps/250 kbps/500 kbps / Automatic setting/software setting			
LED display		DeviceNet: MS [Module status], NS [Network status]			
		PW [Communication power supply], PW(V) [Valve power supply]			
Communication error detection function		Hold (hold all points final output) / Clear (clear all points output) * Single-point output setting is possible with software setting			
Degree of protection		IP20			

Individual specifications

● Metal base manifold

Descriptions		M3G*1/M4G*1		M3G*2/M4G*2		M3G*3/M4G*3	
		Direct mount	DIN rail mount	Direct mount	DIN rail mount	Direct mount	DIN rail mount
Max. station No.	Standard Internal pilot	20 stations	16 stations	20 stations	16 stations	16 stations	
	External pilot	12 stations					
Max. number of solenoids		T8D*1: 16 points T8D*2: 32 points					

● Block manifold

Descriptions		MN3G*1/MN4G*1		MN3G*2/MN4G*2	
		T8D*1	T8D*2	T8D*1	T8D*2
Max. station No.	Standard wiring	16 stations	24 stations	16 stations	20 stations
	Double wiring	8 stations	16 stations	8 stations	16 stations
Max. number of solenoids		16 points	32 points	16 points	32 points

Compatibility

● Metal base manifold

M3/4GA1, M3/4GB1, M3/4GD1, M3/4GE1

M3/4GA2, M3/4GB2, M3/4GD2, M3/4GE2

M3/4GA3, M4GB3, M3/4GD3, M4GE3

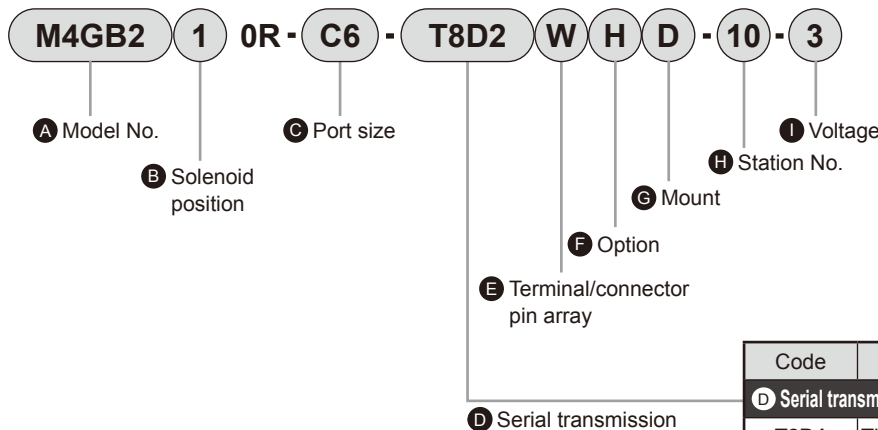
● Block manifold

MN3/4GA1, MN3/4GB1, MN3/4GD1, MN3/4GE1

MN3/4GA2, MN3/4GB2, MN3/4GD2, MN3/4GE2

How to order

● Metal base manifold equipped model No. [Example]



* Model Numbers

Only models with serial transmission slave (adapter) unit (T8D*) newly added are shown in this catalog. Refer to "Pneumatic Valves (Catalog No. CB-023SA)" for details (specifications, model No., etc.) of the M4G Series.

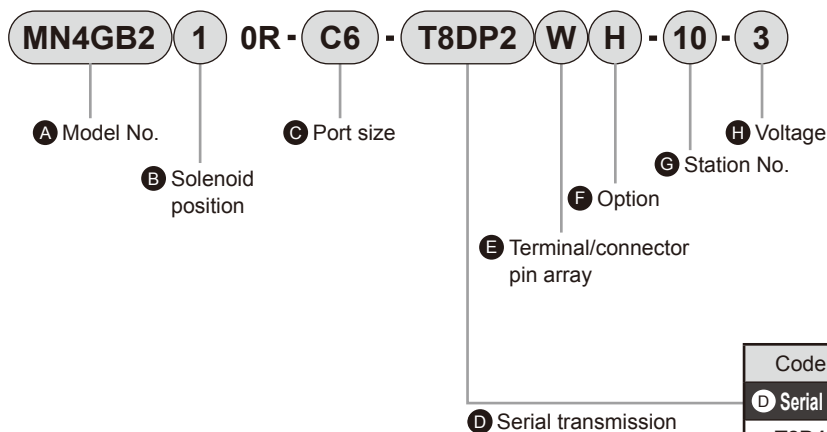
Code	Content
D Serial transmission slave (adapter) unit (lamp/anti-surge incl'd as standard)	
T8D1	Thin DeviceNet 16 points (NPN output)
T8DP1	Thin DeviceNet 16 points (PNP output)
T8D2	Thin DeviceNet 32 points (NPN output)
T8DP2	Thin DeviceNet 32 points (PNP output)

[Example of model No.]

M4GB210R-C6-T8D2WHD-10-3

- A** Model No. : 5-port valve, base piping
- B** Solenoid position : 2-position single
- C** Port size : $\phi 6$ push-in fitting
- D** Serial transmission : Thin DeviceNet 32 points (NPN output)
- E** Terminal/connector pin array : Double wiring
- F** Option : With exhaust check valve
- G** Mount : DIN rail mount
- H** Station No. : 10 stations
- I** Voltage : 24 VDC

● Block manifold equipped model No. [Example]



* Model Numbers

Only models with serial transmission slave (adapter) unit (T8D*) newly added are shown in this catalog. Refer to "Pneumatic Valves (Catalog No. CB-023SA)" for details (specifications, model No., etc.) of the MN4G Series.

Code	Content
D Serial transmission slave (adapter) unit (lamp/anti-surge incl'd as standard)	
T8D1	Thin DeviceNet 16 points (NPN output)
T8DP1	Thin DeviceNet 16 points (PNP output)
T8D2	Thin DeviceNet 32 points (NPN output)
T8DP2	Thin DeviceNet 32 points (PNP output)

[Example of model No.]

MN4GB210R-C6-T8DP2WH-10-3

- A** Model No. : 5-port valve, base piping
- B** Solenoid position : 2-position single
- C** Port size : $\phi 6$ push-in fitting
- D** Serial transmission : Thin DeviceNet 32 points (PNP output)
- E** Terminal/connector pin array : Double wiring
- F** Option : With exhaust check valve
- G** Station No. : 10 stations
- H** Voltage : 24 VDC

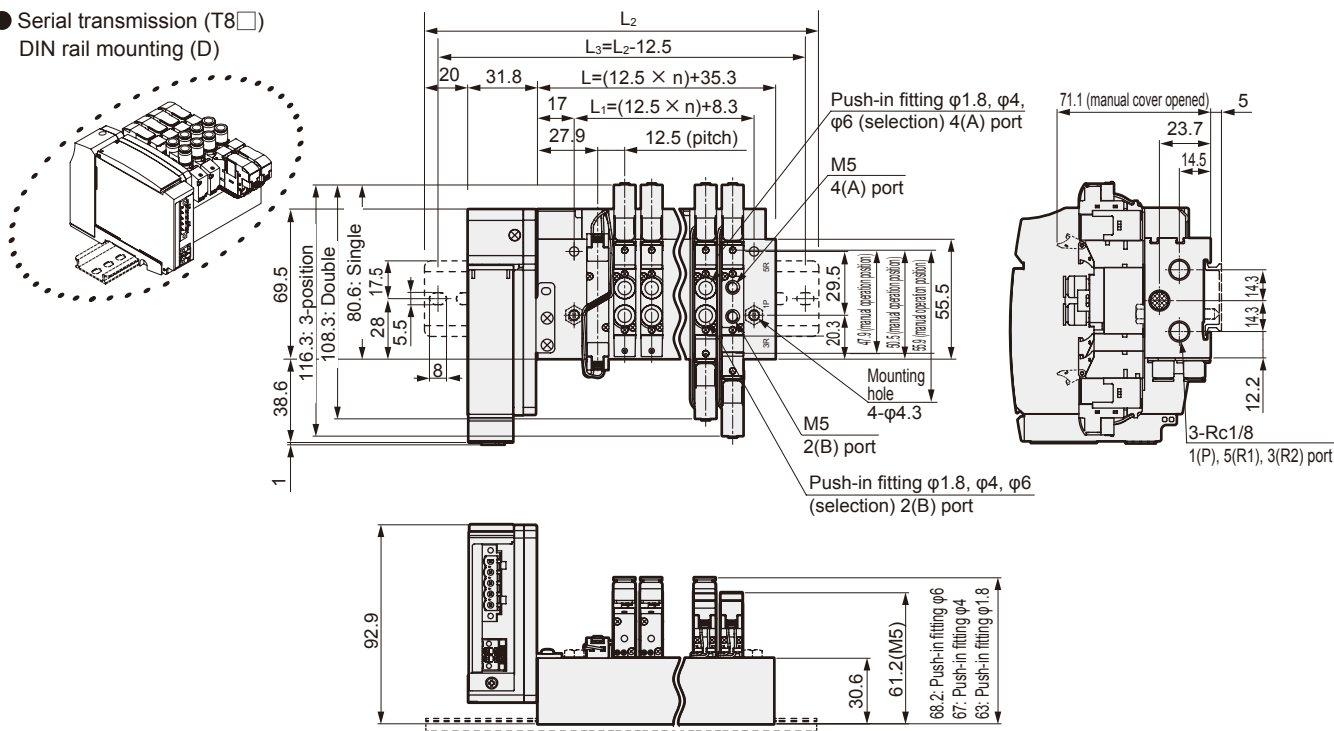
M4GA1-T8* Series

Reduced wiring manifold; body piping; serial transmission

Dimensions

M4GA1

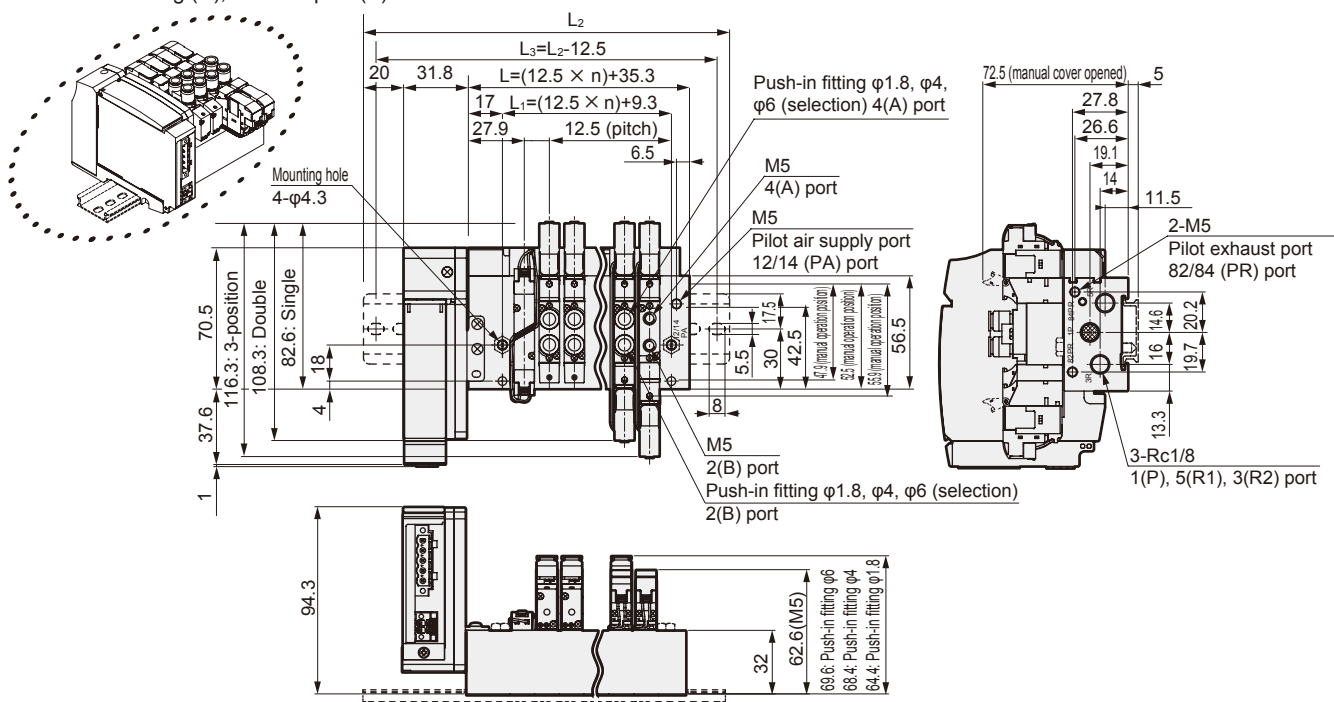
- Serial transmission (T8□)
- DIN rail mounting (D)



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3	197.8	210.3	222.8	235.3	247.8	260.3	272.8	285.3
L ₁	33.3	45.8	58.3	70.8	83.3	95.8	108.3	120.8	133.3	145.8	158.3	170.8	183.3	195.8	208.3	220.8	233.3	245.8	258.3
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0	312.5				
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0				

M4GA1

- Serial transmission (T8□)
- DIN rail mounting (D); external pilot (K)

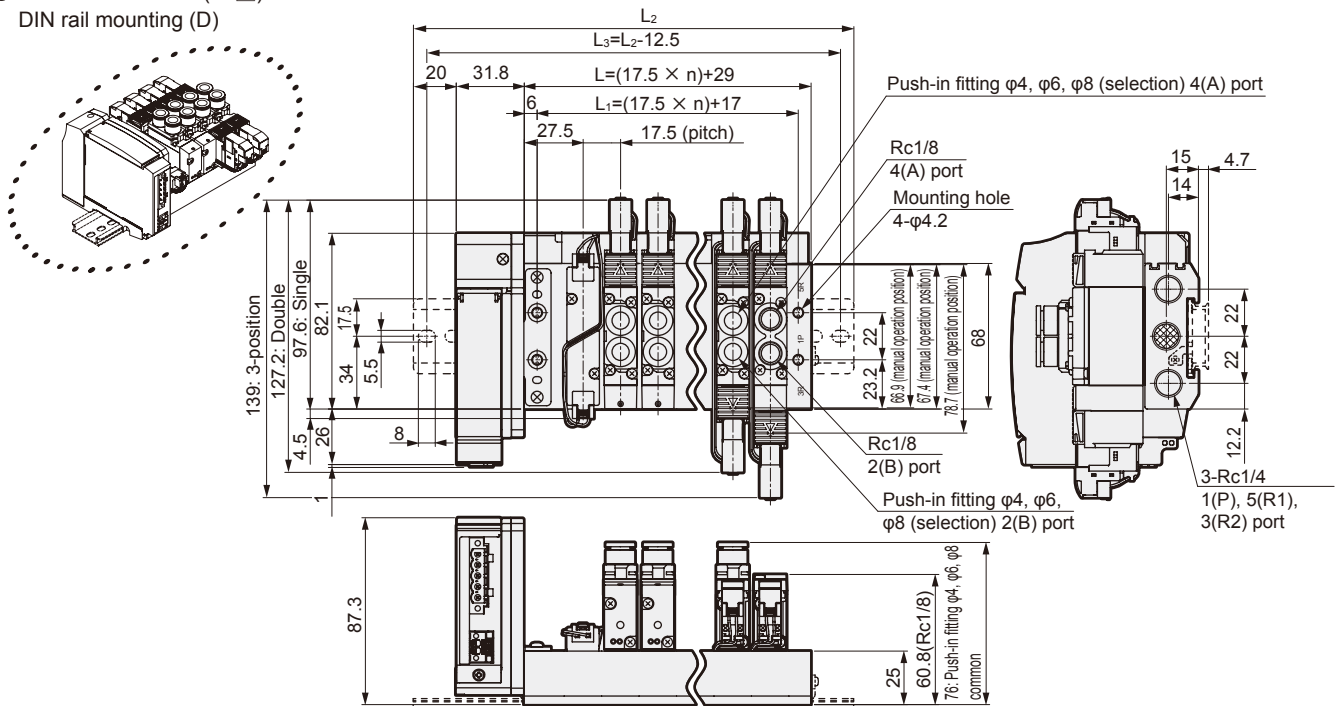


Station No.	2	3	4	5	6	7	8	9	10	11	12
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3
L ₁	34.3	46.8	59.3	71.8	84.3	96.8	109.3	121.8	134.3	146.8	159.3
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0

Dimensions

M4GA2

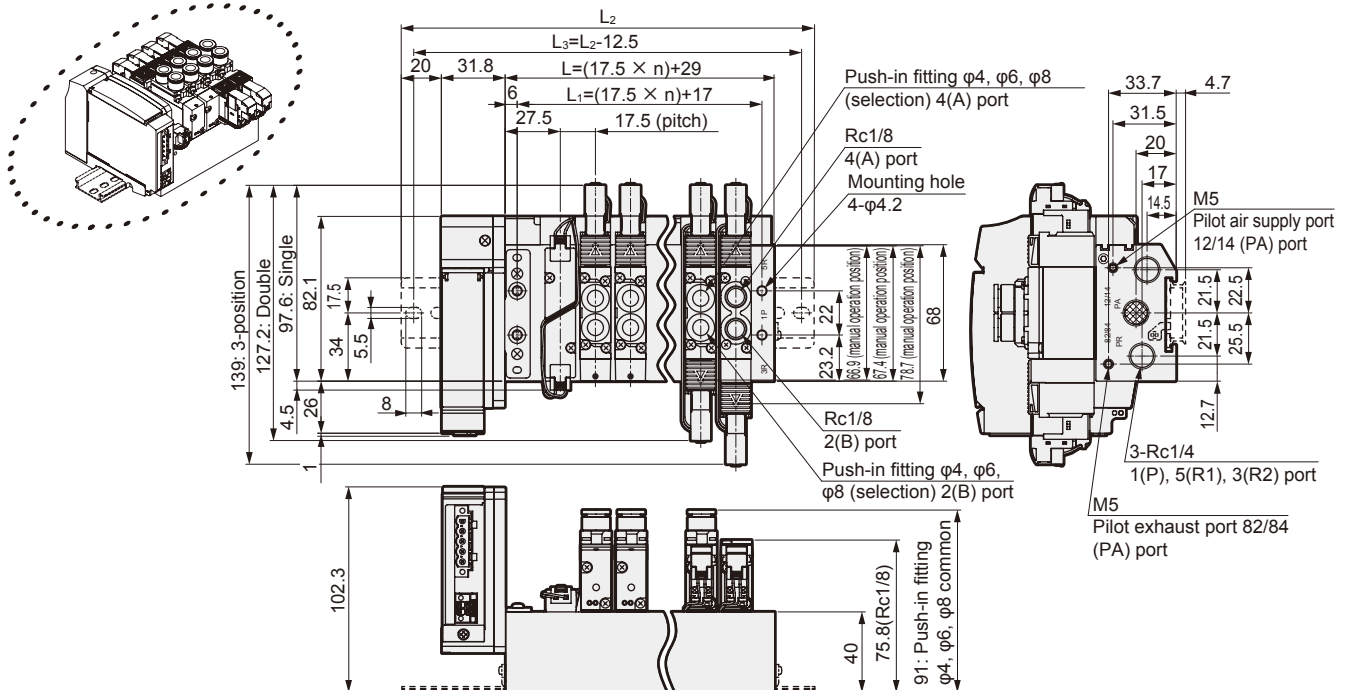
- Serial transmission (T8□)
- DIN rail mounting (D)



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	64.0	81.5	99.0	116.5	134.0	151.5	169.0	186.5	204.0	221.5	239.0	256.5	274.0	291.5	309.0	326.5	344.0	361.5	379.0
L ₁	52.0	69.5	87.0	104.5	122.0	139.5	157.0	174.5	192.0	209.5	227.0	244.5	262.0	279.5	297.0	314.5	332.0	349.5	367.0
L ₂	137.5	162.5	175.0	200.0	212.5	225.0	250.0	262.5	287.5	300.0	312.5	337.5	350.0	375.0	387.5				
L ₃	125.0	150.0	162.5	187.5	200.0	212.5	237.5	250.0	275.0	287.5	300.0	325.0	337.5	362.5	375.0				

M4GA2

- Serial transmission (T8□)
- DIN rail mounting (D); external pilot (K)



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	64.0	81.5	99.0	116.5	134.0	151.5	169.0	186.5	204.0	221.5	239.0	256.5	274.0	291.5	309.0	326.5	344.0	361.5	379.0
L ₁	52.0	69.5	87.0	104.5	122.0	139.5	157.0	174.5	192.0	209.5	227.0	244.5	262.0	279.5	297.0	314.5	332.0	349.5	367.0
L ₂	137.5	162.5	175.0	200.0	212.5	225.0	250.0	262.5	287.5	300.0	312.5	337.5	350.0	375.0	387.5				
L ₃	125.0	150.0	162.5	187.5	200.0	212.5	237.5	250.0	275.0	287.5	300.0	325.0	337.5	362.5	375.0				

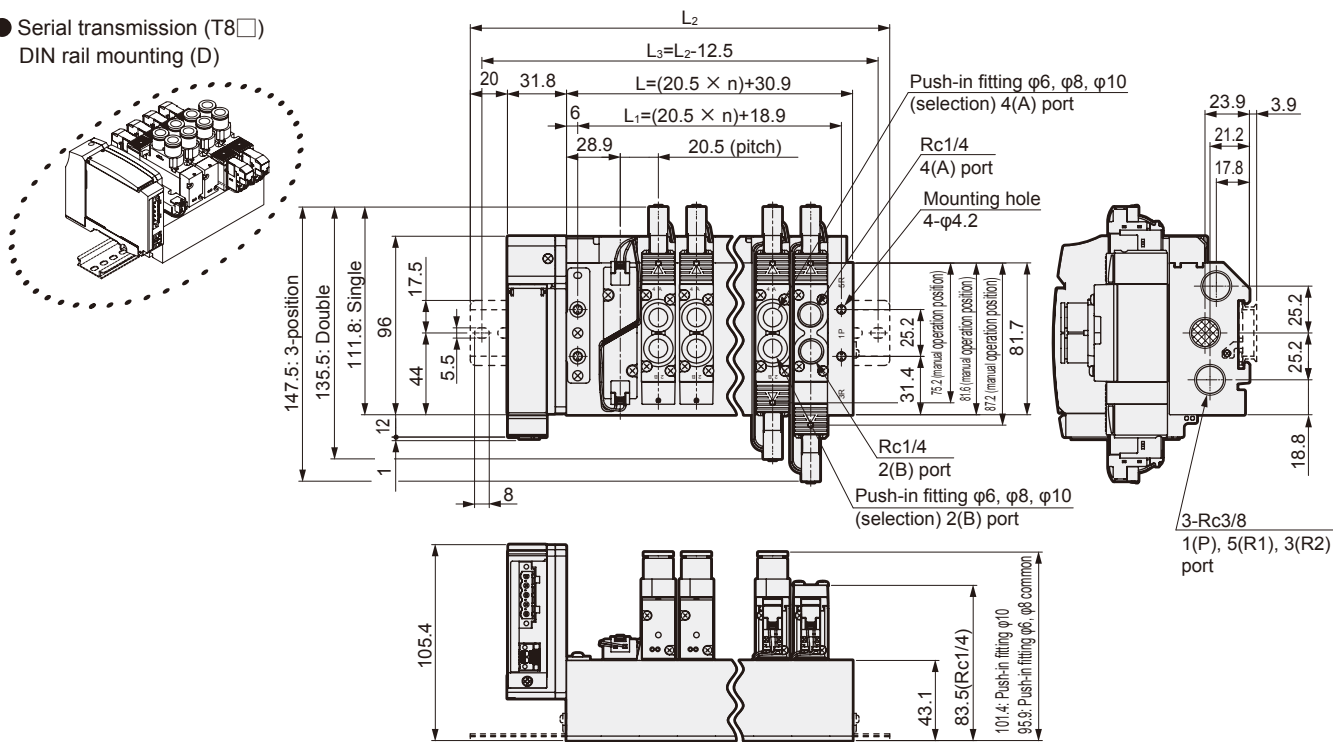
M4GA3-T8* Series

Reduced wiring manifold; body piping; serial transmission

Dimensions

M4GA3

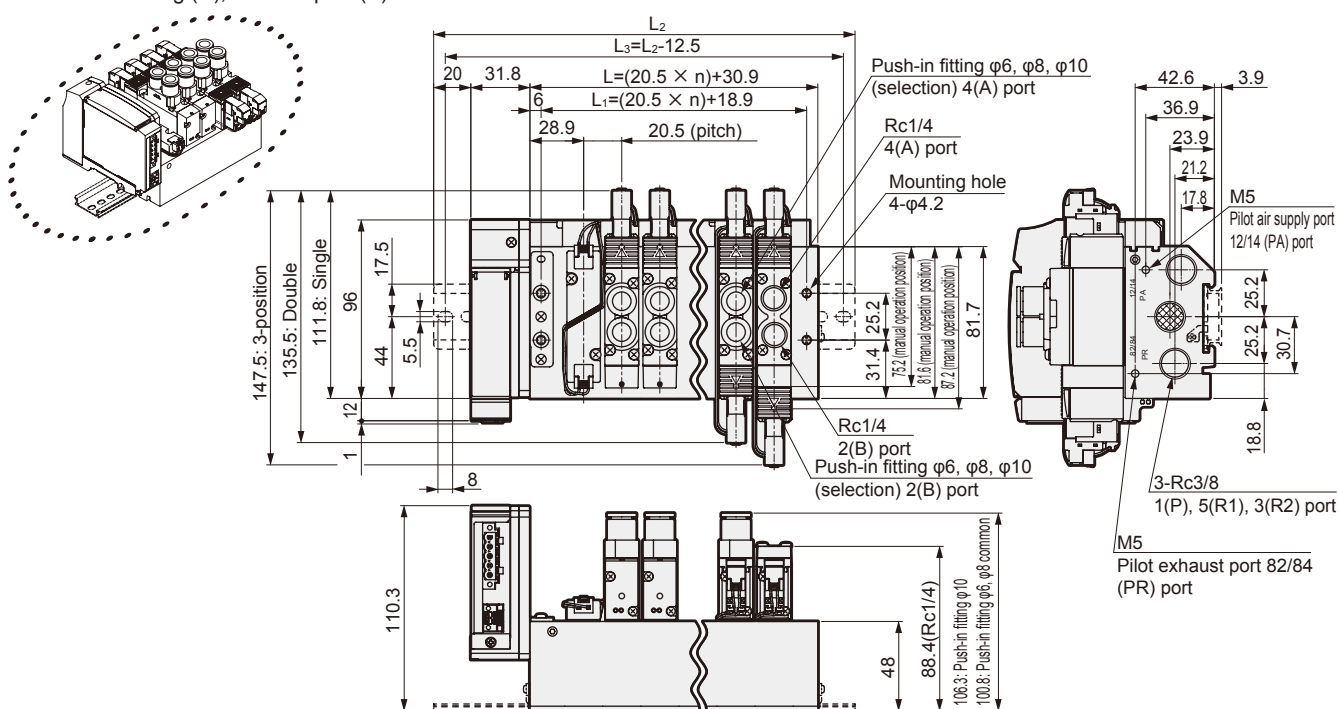
- Serial transmission (T8□)
- DIN rail mounting (D)



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L	71.9	92.4	112.9	133.4	153.9	174.4	194.9	215.4	235.9	256.4	276.9	297.4	317.9	338.4	358.9
L ₁	59.9	80.4	100.9	121.4	141.9	162.4	182.9	203.4	223.9	244.4	264.9	285.4	305.9	326.4	346.9
L ₂	150.0	175.0	187.5	212.5	237.5	250.0	275.0	287.5	312.5	337.5	350.0	375.0	400.0	412.5	437.5
L ₃	137.5	162.5	175.0	200.0	225.0	237.5	262.5	275.0	300.0	325.0	337.5	362.5	387.5	400.0	425.0

M4GA3

- Serial transmission (T8□)
- DIN rail mounting (D); external pilot (K)



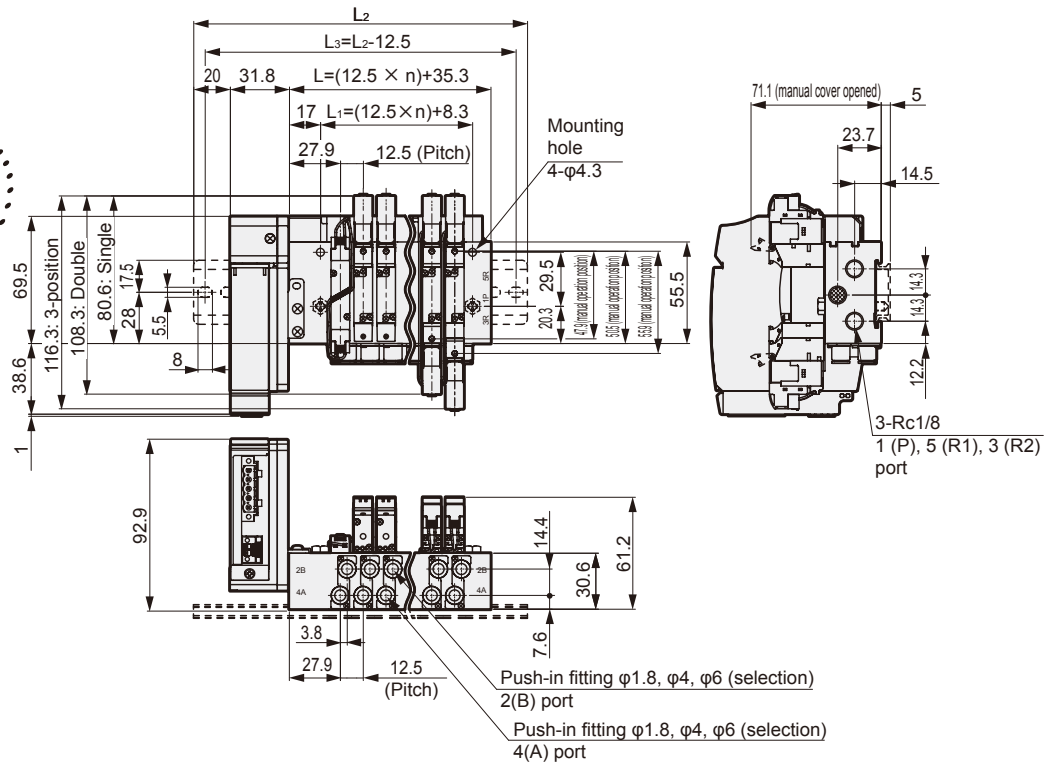
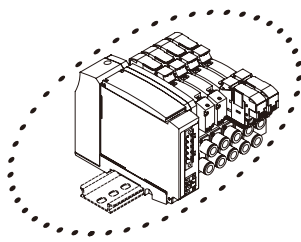
Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L	71.9	92.4	112.9	133.4	153.9	174.4	194.9	215.4	235.9	256.4	276.9	297.4	317.9	338.4	358.9
L ₁	59.9	80.4	100.9	121.4	141.9	162.4	182.9	203.4	223.9	244.4	264.9	285.4	305.9	326.4	346.9
L ₂	150.0	175.0	187.5	212.5	237.5	250.0	275.0	287.5	312.5	337.5	350.0	375.0	400.0	412.5	437.5
L ₃	137.5	162.5	175.0	200.0	225.0	237.5	262.5	275.0	300.0	325.0	337.5	362.5	387.5	400.0	425.0

Reduced wiring manifold; base piping; serial transmission

Dimensions

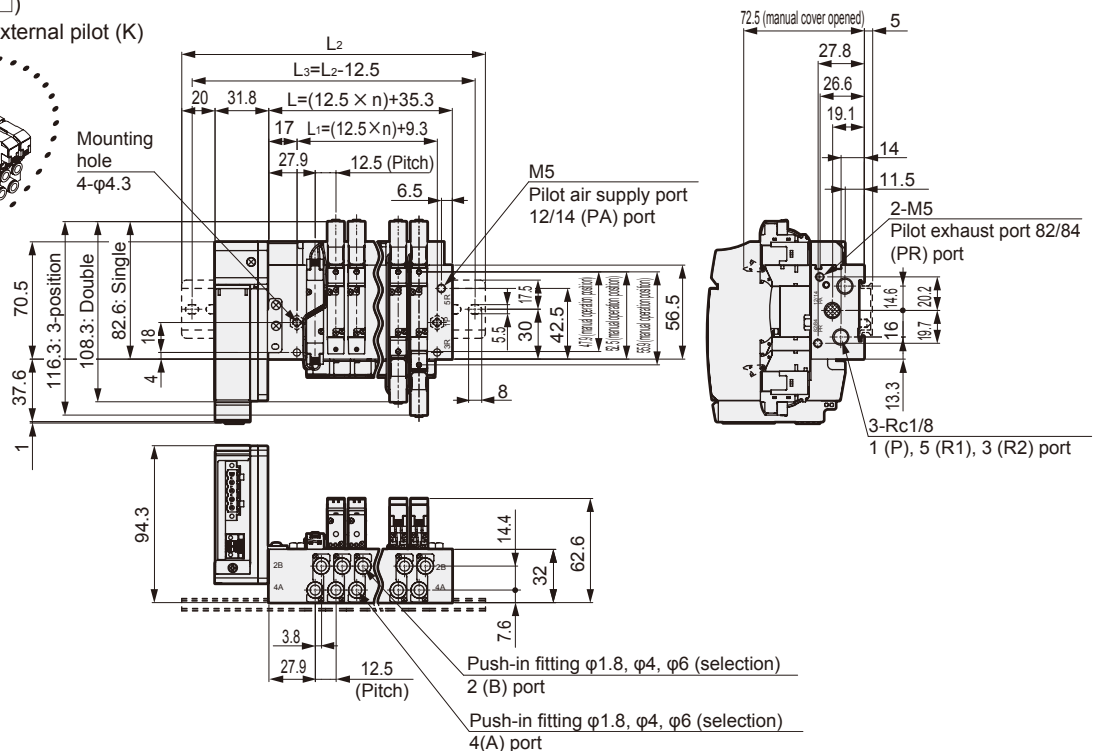
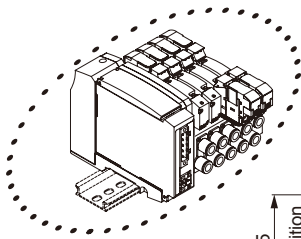
M4GB1

- Serial transmission (T8□)
DIN rail mounting (D)



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3	197.8	210.3	222.8	235.3	247.8	260.3	272.8	285.3
L ₁	33.3	45.8	58.3	70.8	83.3	95.8	108.3	120.8	133.3	145.8	158.3	170.8	183.3	195.8	208.3	220.8	233.3	245.8	258.3
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0	312.5				
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0				

- Serial transmission (T8□)
DIN rail mounting (D); external pilot (K)



Station No.	2	3	4	5	6	7	8	9	10	11	12
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3
L ₁	34.3	46.8	59.3	71.8	84.3	96.8	109.3	121.8	134.3	146.8	159.3
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0

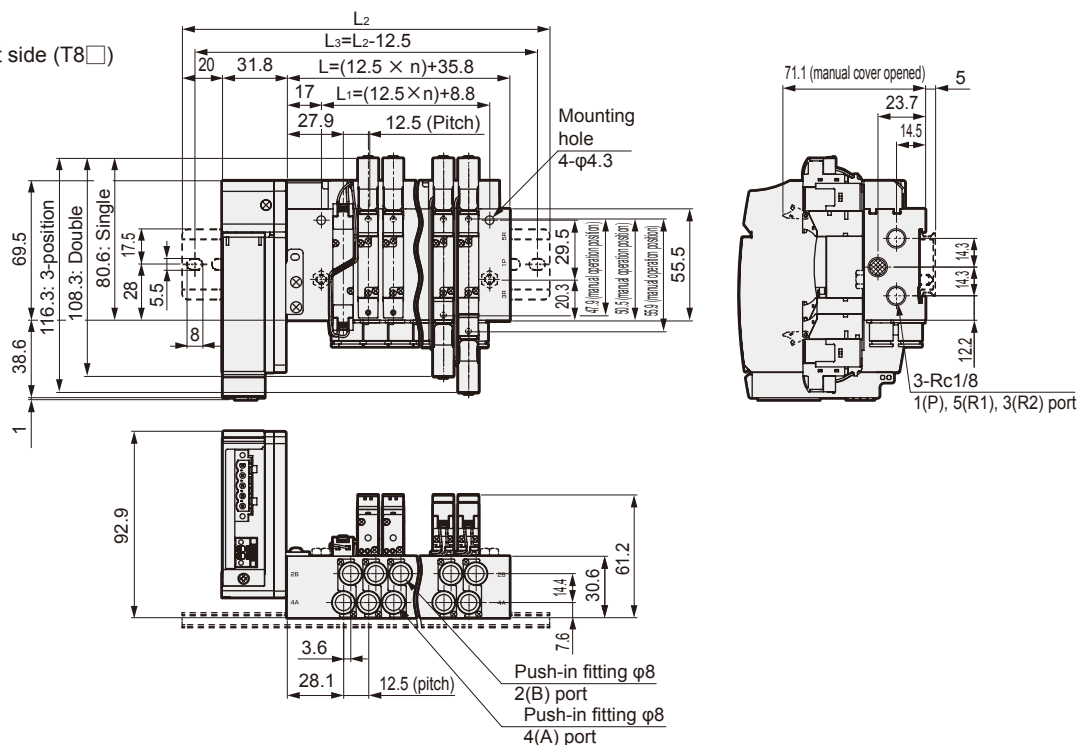
M4GB1-T8* Series

Reduced wiring manifold; base piping; serial transmission

Dimensions

M4GB1-C8

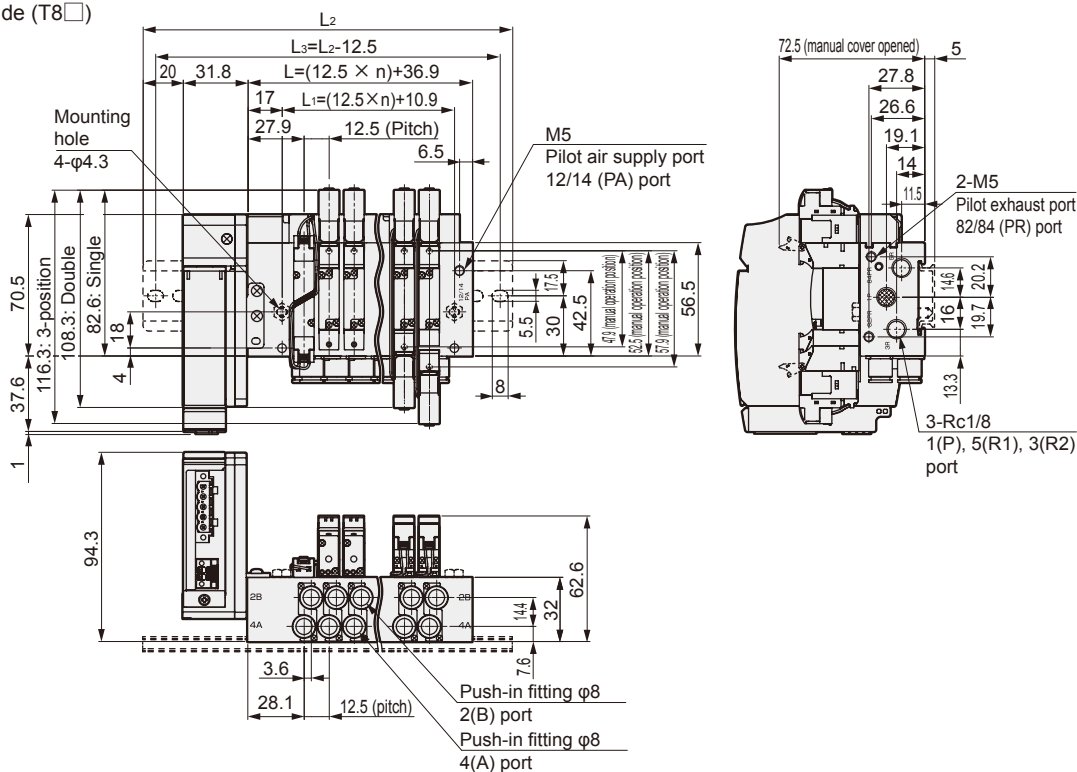
● Reduced wiring left side (T8□)



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	60.8	73.3	85.8	98.3	110.8	123.3	135.8	148.3	160.8	173.3	185.8	198.3	210.8	223.3	235.8	248.3	260.8	273.3	285.8
L ₁	33.8	46.3	58.8	71.3	83.8	96.3	108.8	121.3	133.8	146.3	158.8	171.3	183.8	196.3	208.8	221.3	233.8	246.3	258.8
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0	312.5				
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0				

● Reduced wiring left side (T8□)

External pilot (K)

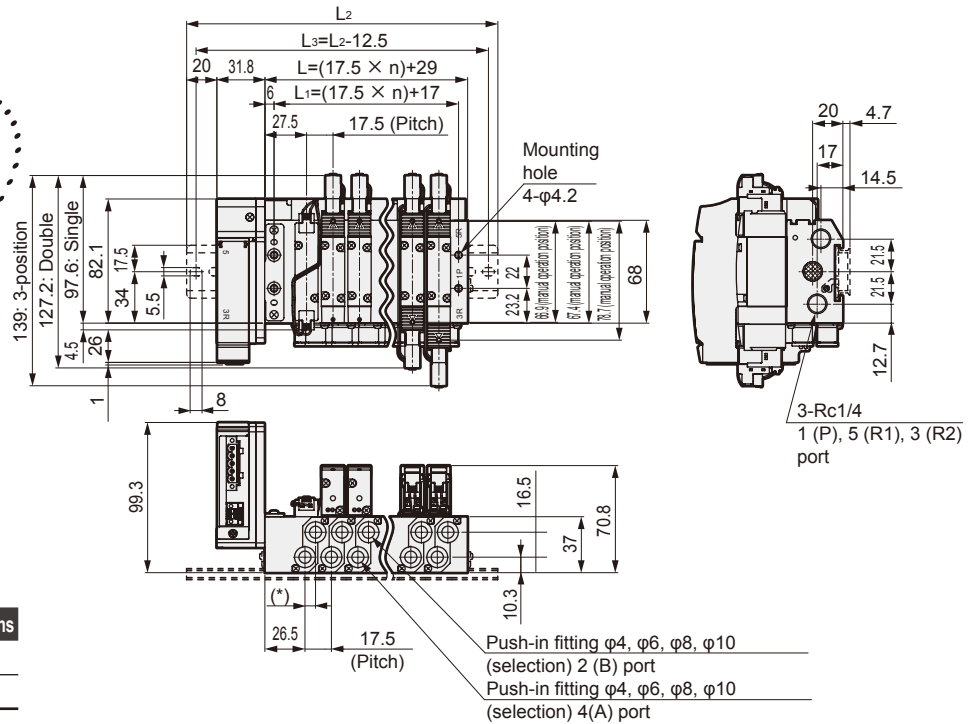
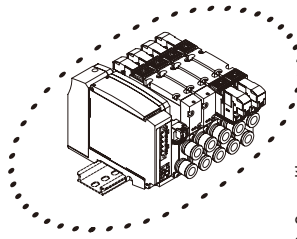


Station No.	2	3	4	5	6	7	8	9	10	11	12
L	61.9	74.4	86.9	99.4	111.9	124.4	136.9	149.4	161.9	174.4	186.9
L ₁	35.9	48.4	60.9	73.4	85.9	98.4	110.9	123.4	135.9	148.4	160.9
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0

Dimensions

M4GB2

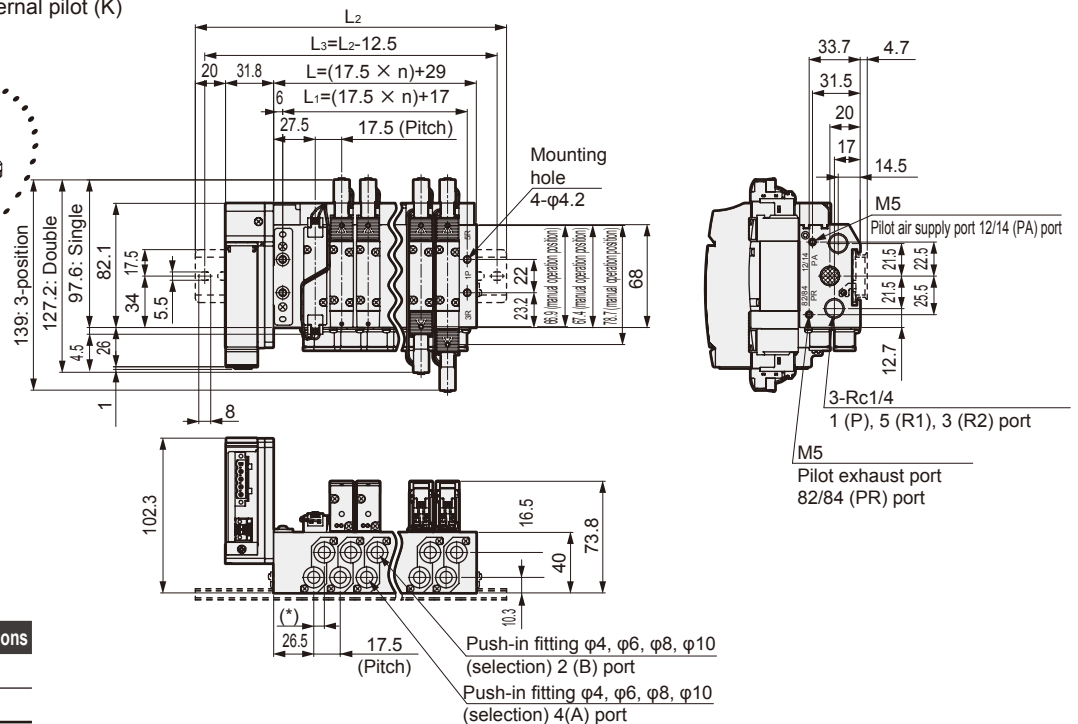
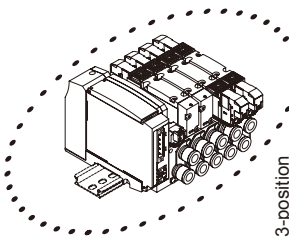
- Serial transmission (T8□)
DIN rail mounting (D)



A/B port size	* Dimensions
φ4, φ6, φ8	7
φ10	8.1

Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	64.0	81.5	99.0	116.5	134.0	151.5	169.0	186.5	204.0	221.5	239.0	256.5	274.0	291.5	309.0	326.5	344.0	361.5	379.0
L ₁	52.0	69.5	87.0	104.5	122.0	139.5	157.0	174.5	192.0	209.5	227.0	244.5	262.0	279.5	297.0	314.5	332.0	349.5	367.0
L ₂	137.5	162.5	175.0	200.0	212.5	225.0	250.0	262.5	287.5	300.0	312.5	337.5	350.0	375.0	387.5				
L ₃	125.0	150.0	162.5	187.5	200.0	212.5	237.5	250.0	275.0	287.5	300.0	325.0	337.5	362.5	375.0				

- Serial transmission (T8□)
DIN rail mounting (D); external pilot (K)

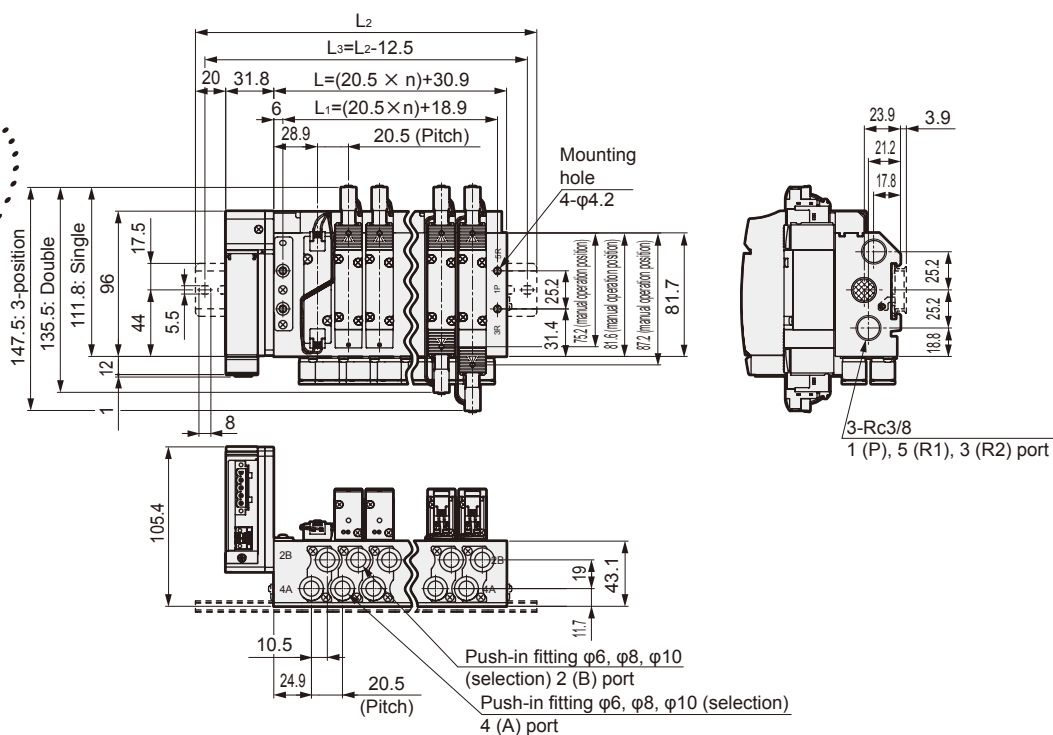
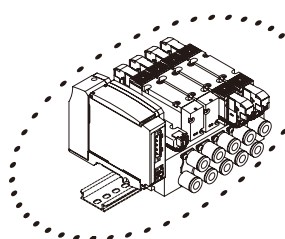


A/B port size	* Dimensions
φ4, φ6, φ8	7
φ10	8.1

Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	64.0	81.5	99.0	116.5	134.0	151.5	169.0	186.5	204.0	221.5	239.0	256.5	274.0	291.5	309.0	326.5	344.0	361.5	379.0
L ₁	52.0	69.5	87.0	104.5	122.0	139.5	157.0	174.5	192.0	209.5	227.0	244.5	262.0	279.5	297.0	314.5	332.0	349.5	367.0
L ₂	137.5	162.5	175.0	200.0	212.5	225.0	250.0	262.5	287.5	300.0	312.5	337.5	350.0	375.0	387.5				
L ₃	125.0	150.0	162.5	187.5	200.0	212.5	237.5	250.0	275.0	287.5	300.0	325.0	337.5	362.5	375.0				

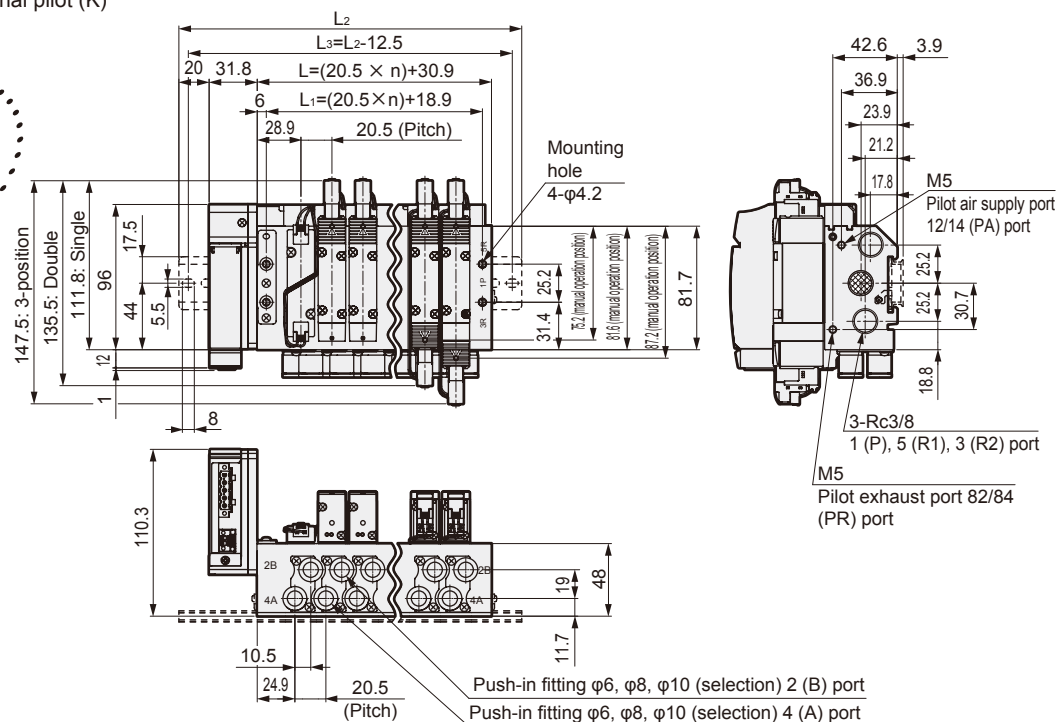
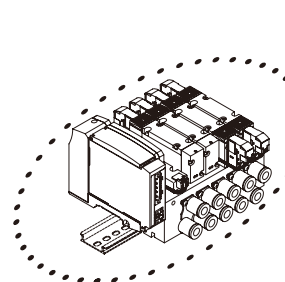
Dimensions

● Serial transmission (T8□)
DIN rail mounting (D)



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L	71.9	92.4	112.9	133.4	153.9	174.4	194.9	215.4	235.9	256.4	276.9	297.4	317.9	338.4	358.9
L ₁	59.9	80.4	100.9	121.4	141.9	162.4	182.9	203.4	223.9	244.4	264.9	285.4	305.9	326.4	346.9
L ₂	150.0	175.0	187.5	212.5	237.5	250.0	275.0	287.5	312.5	337.5	350.0	375.0	400.0	412.5	437.5
L ₃	137.5	162.5	175.0	200.0	225.0	237.5	262.5	275.0	300.0	325.0	337.5	362.5	387.5	400.0	425.0

- Serial transmission (T8□)
DIN rail mounting (D); external pilot (K)



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L	71.9	92.4	112.9	133.4	153.9	174.4	194.9	215.4	235.9	256.4	276.9	297.4	317.9	338.4	358.9
L ₁	59.9	80.4	100.9	121.4	141.9	162.4	182.9	203.4	223.9	244.4	264.9	285.4	305.9	326.4	346.9
L ₂	150.0	175.0	187.5	212.5	237.5	250.0	275.0	287.5	312.5	337.5	350.0	375.0	400.0	412.5	437.5
L ₃	137.5	162.5	175.0	200.0	225.0	237.5	262.5	275.0	300.0	325.0	337.5	362.5	387.5	400.0	425.0

MN4GA1/2-T8* Series

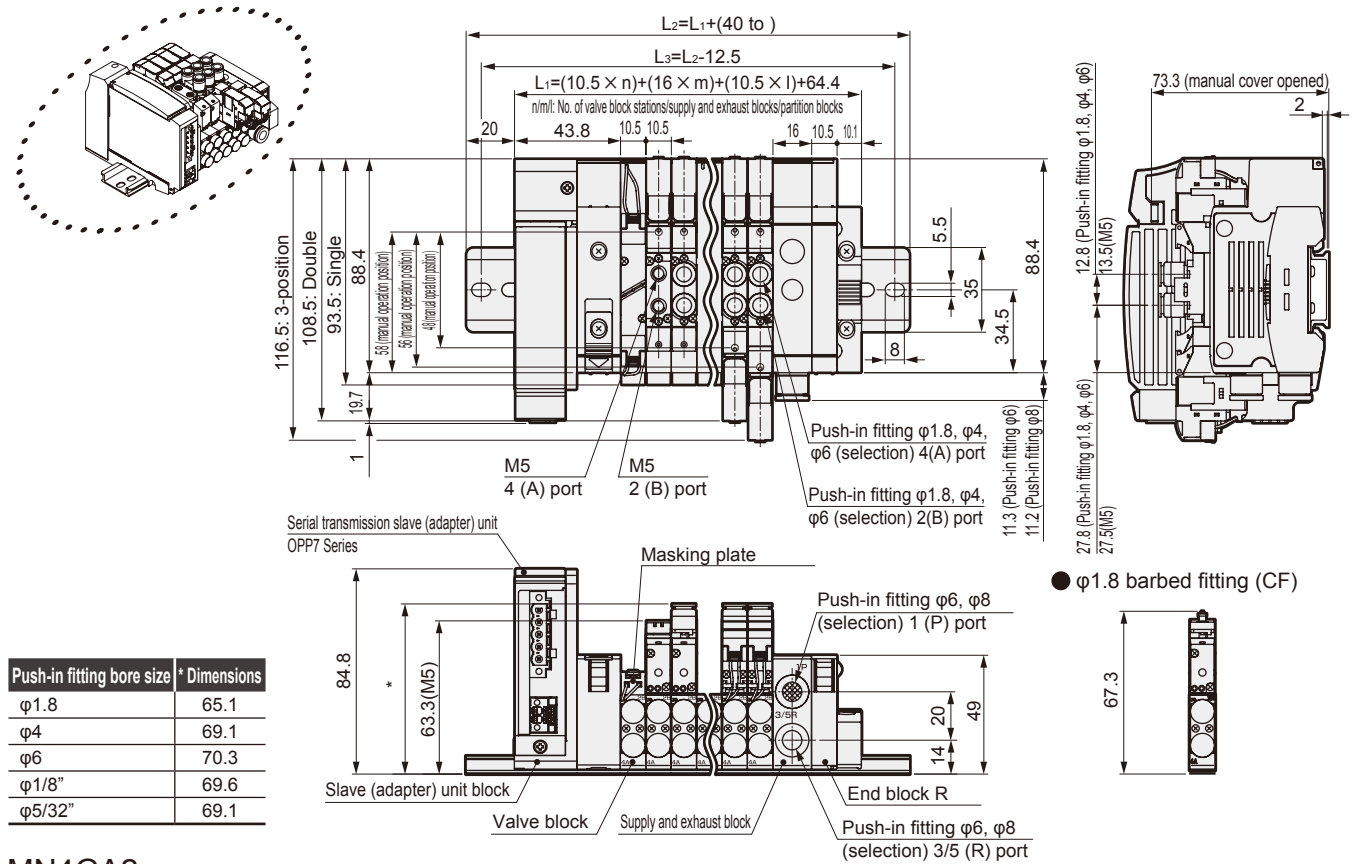
Reduced wiring block manifold: Body piping

Dimensions

MN4GA1

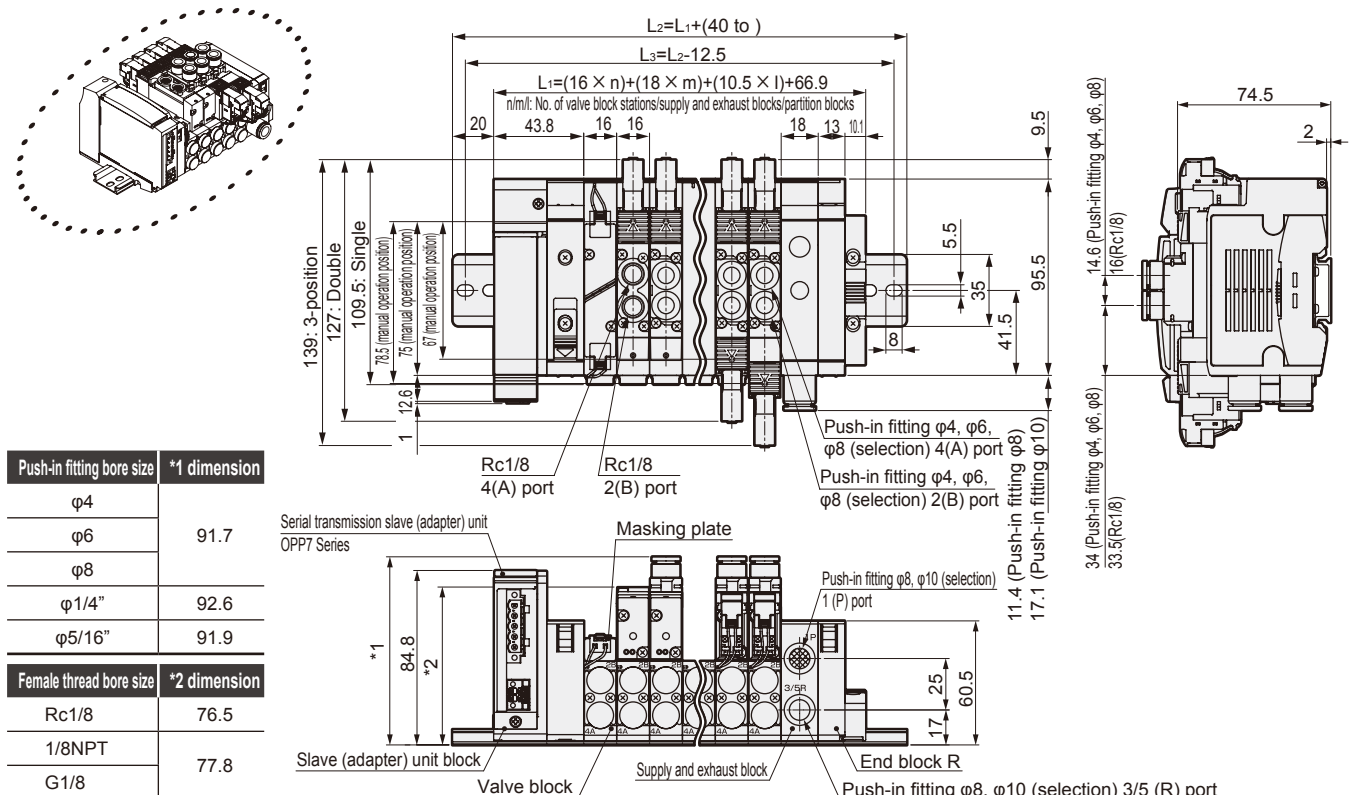
- Thin serial transmission (T8□)

Note: For the 2-position single 3-port valve, either port A or port B is a plug. In addition, the two 3-port valves integrated has the same dimensions as the double model.



MN4GA2

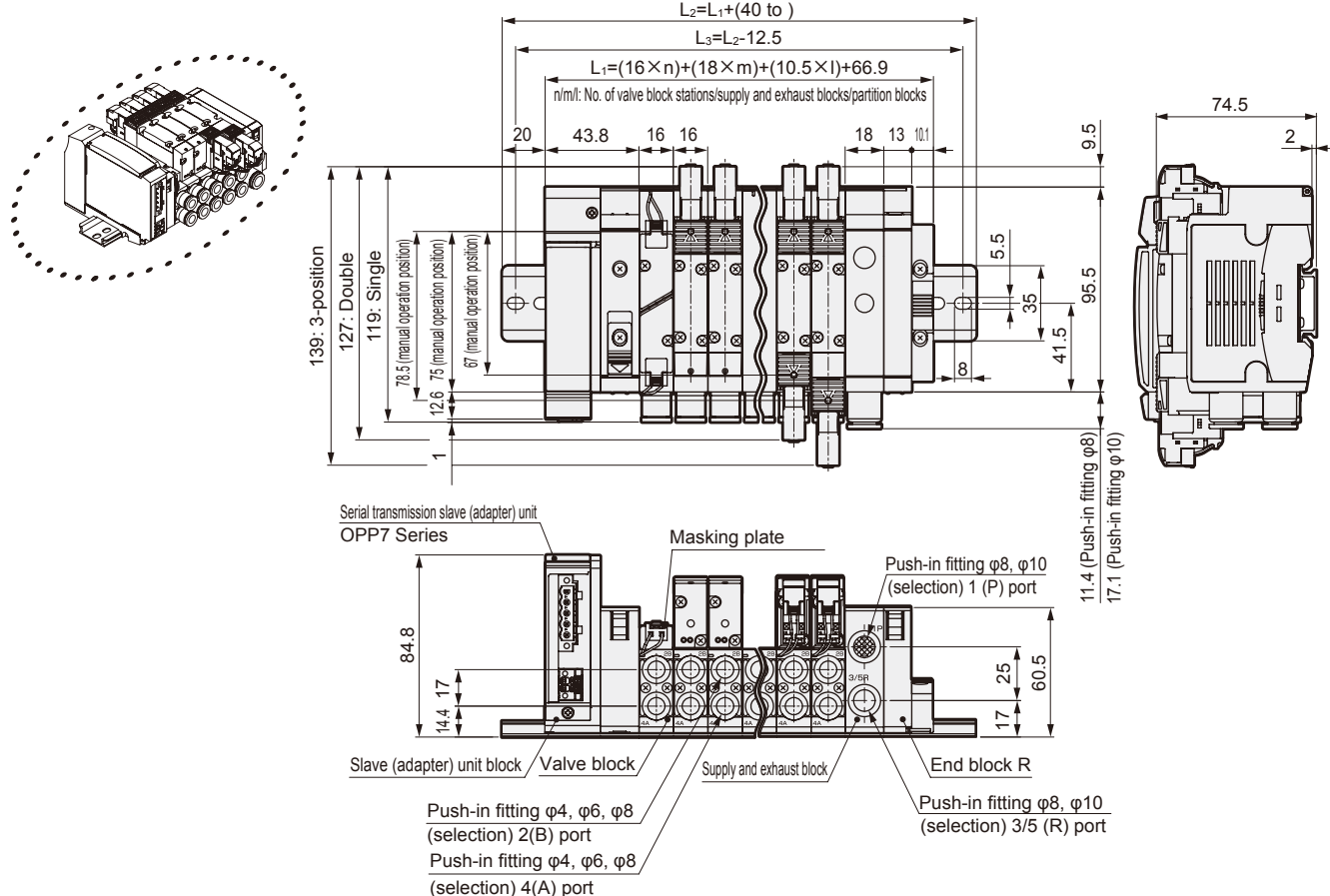
- Thin serial transmission (T8□)



Dimensions

Note: The two 3-port valves integrated has the same dimensions as the double type.

- Thin serial transmission (T8□)

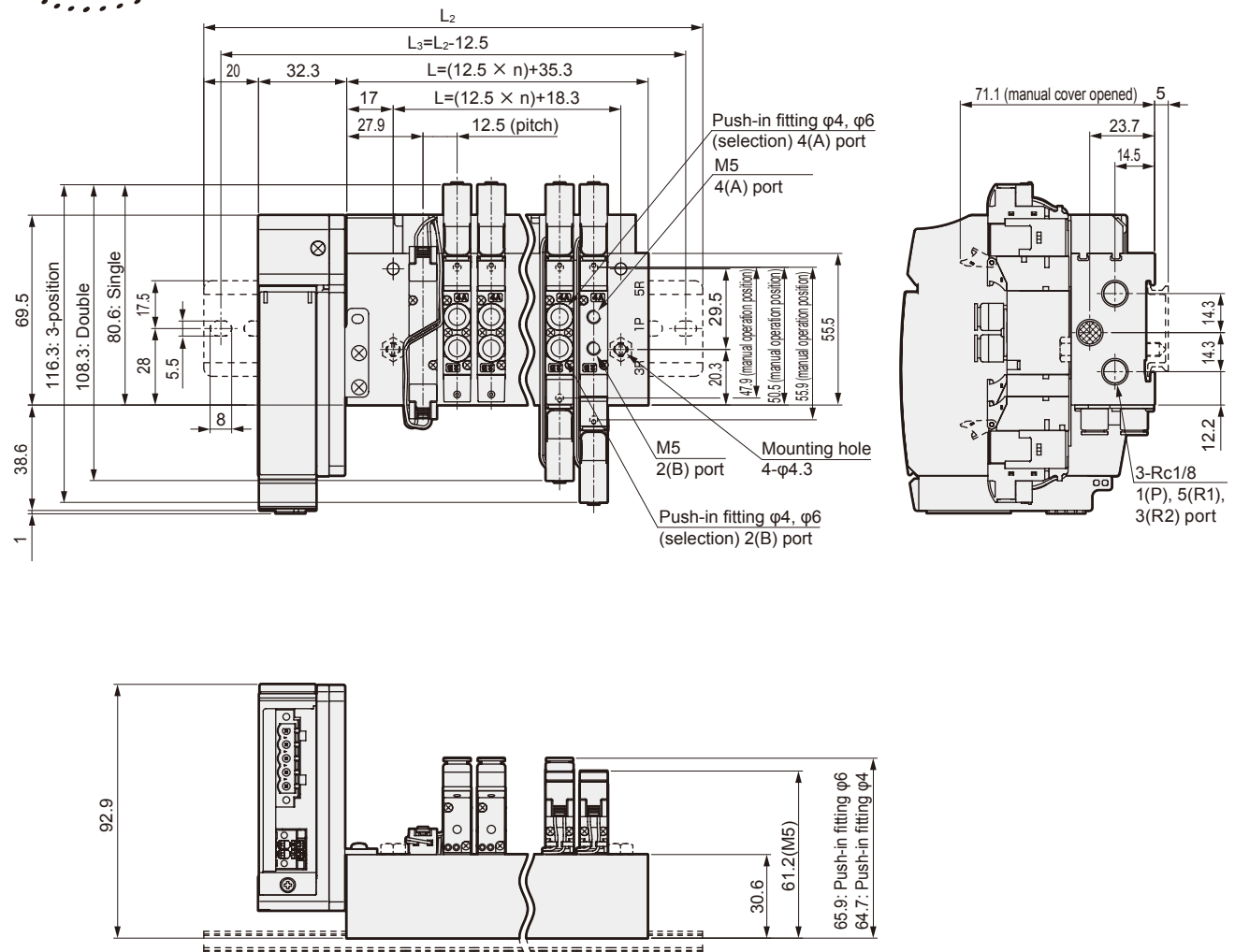
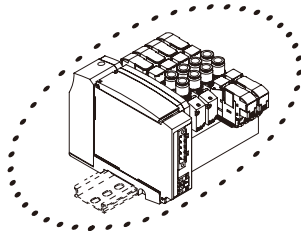


Dimensions

M4GD1

- Serial transmission (T8)
- DIN rail mounting (D)

* For the 2-position single 3-port valve, either port A or port B is a plug.



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3	197.8	210.3	222.8	235.3	247.8	260.3	272.8	285.3
L ₁	33.3	45.8	58.3	70.8	83.3	95.8	108.3	120.8	133.3	145.8	158.3	170.8	183.3	195.8	208.3	220.8	233.3	245.8	258.3
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0	312.5				
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0				

M4GD2-T8* Series

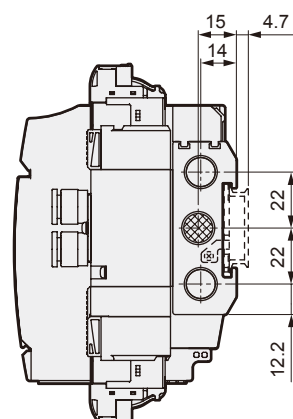
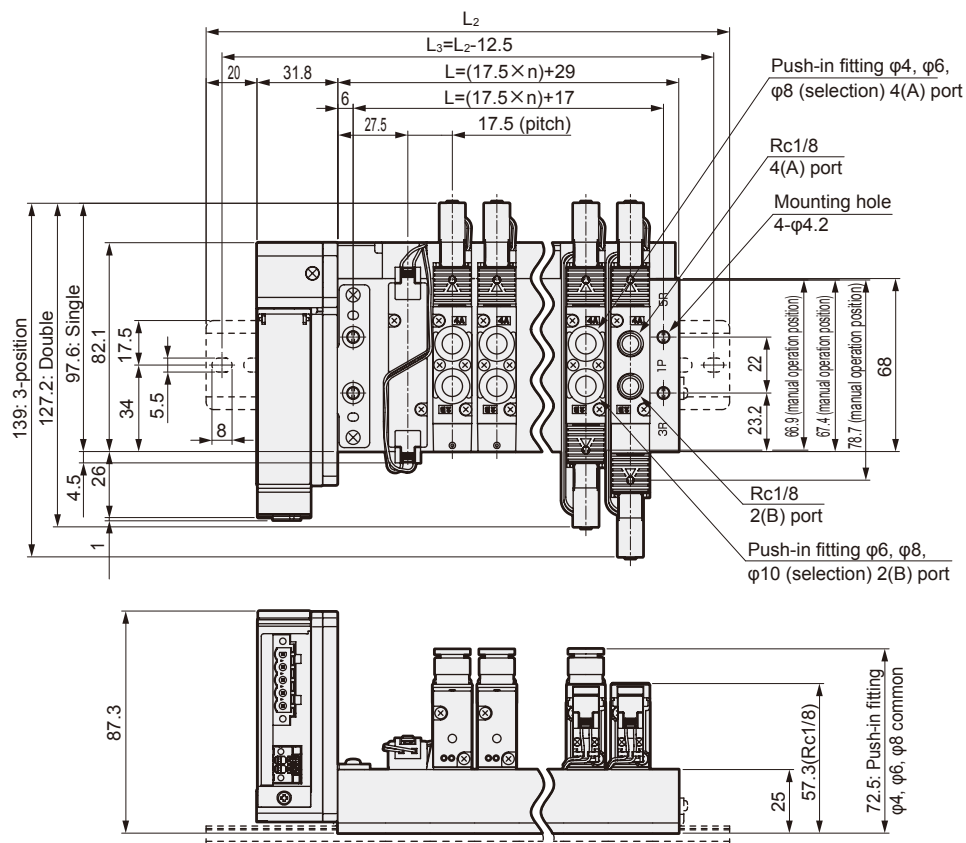
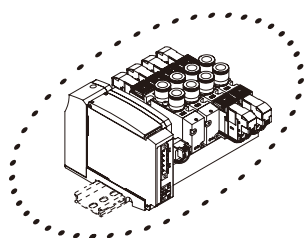
Reduced wiring manifold; body piping; serial transmission

Dimensions

M4GD2

- Serial transmission (T8)
- DIN rail mounting (D)

* For the 2-position single 3-port valve, either port A or port B is a plug.



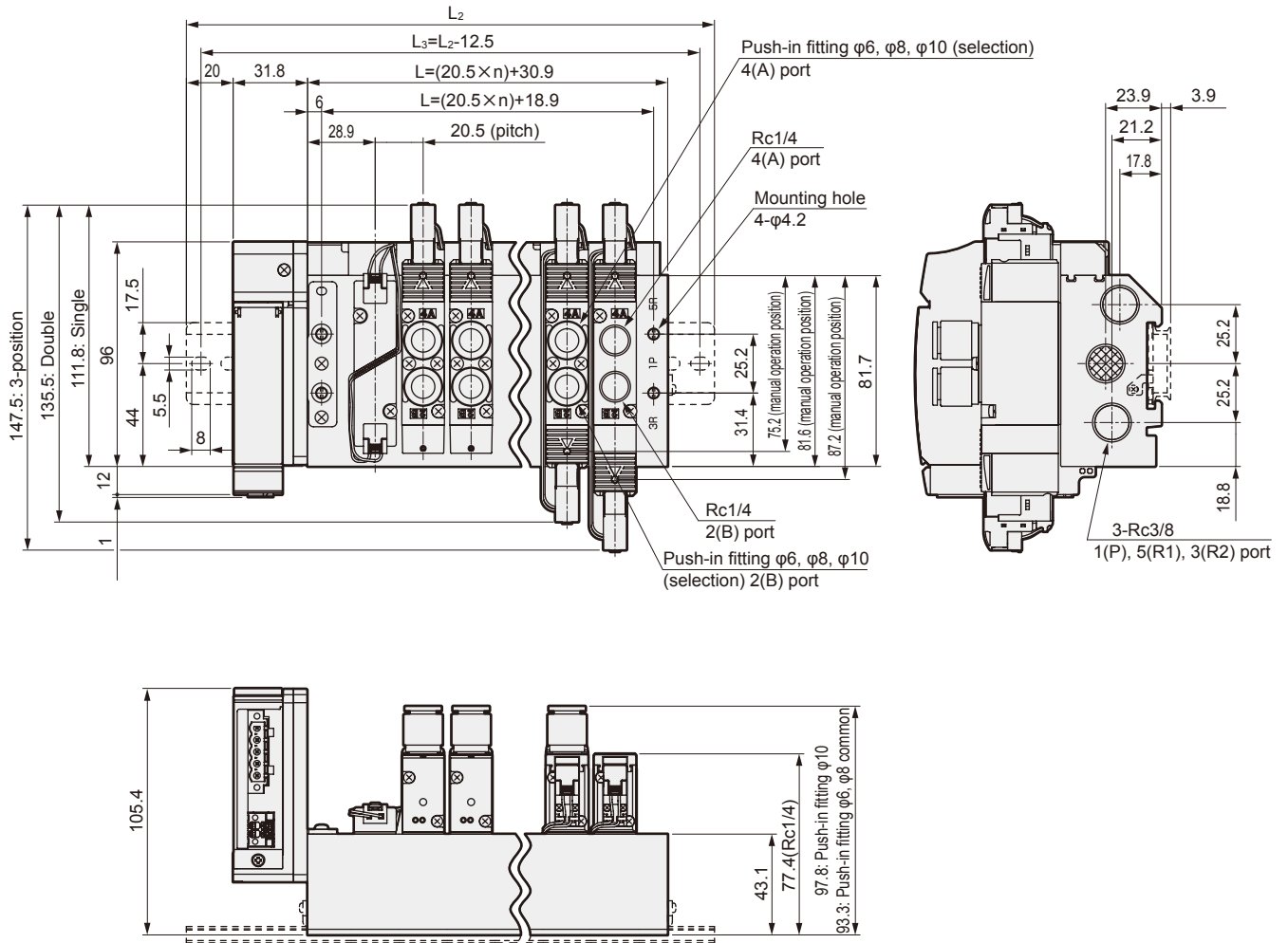
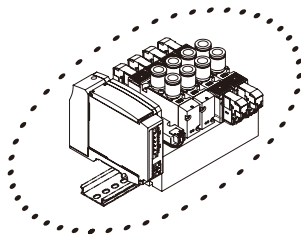
Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	64.0	81.5	99.0	116.5	134.0	151.5	169.0	186.5	204.0	221.5	239.0	256.5	274.0	291.5	309.0	326.5	344.0	361.5	379.0
L ₁	52.0	69.5	87.0	104.5	122.0	139.5	157.0	174.5	192.0	209.5	227.0	244.5	262.0	279.5	297.0	314.5	332.0	349.5	367.0
L ₂	137.5	162.5	175.0	200.0	212.5	225.0	250.0	262.5	287.5	300.0	312.5	337.5	350.0	375.0	387.5				
L ₃	125.0	150.0	162.5	187.5	200.0	212.5	237.5	250.0	275.0	287.5	300.0	325.0	337.5	362.5	375.0				

Dimensions

M4GD3

- Serial transmission (T8)
- DIN rail mounting (D)

* For the 2-position single 3-port valve, either port A or port B is a plug.



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L	71.9	92.4	112.9	133.4	153.9	174.4	194.9	215.4	235.9	256.4	276.9	297.4	317.9	338.4	358.9
L ₁	59.9	80.4	100.9	121.4	141.9	162.4	182.9	203.4	223.9	244.4	264.9	285.4	305.9	326.4	346.9
L ₂	150.0	175.0	187.5	212.5	237.5	250.0	275.0	287.5	312.5	337.5	350.0	375.0	400.0	412.5	437.5
L ₃	137.5	162.5	175.0	200.0	225.0	237.5	262.5	275.0	300.0	325.0	337.5	362.5	387.5	400.0	425.0

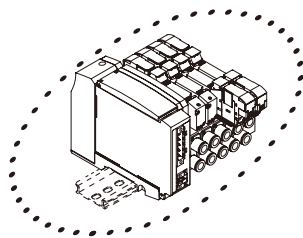
M4GE1-T8* Series

Reduced wiring manifold; base piping; serial transmission

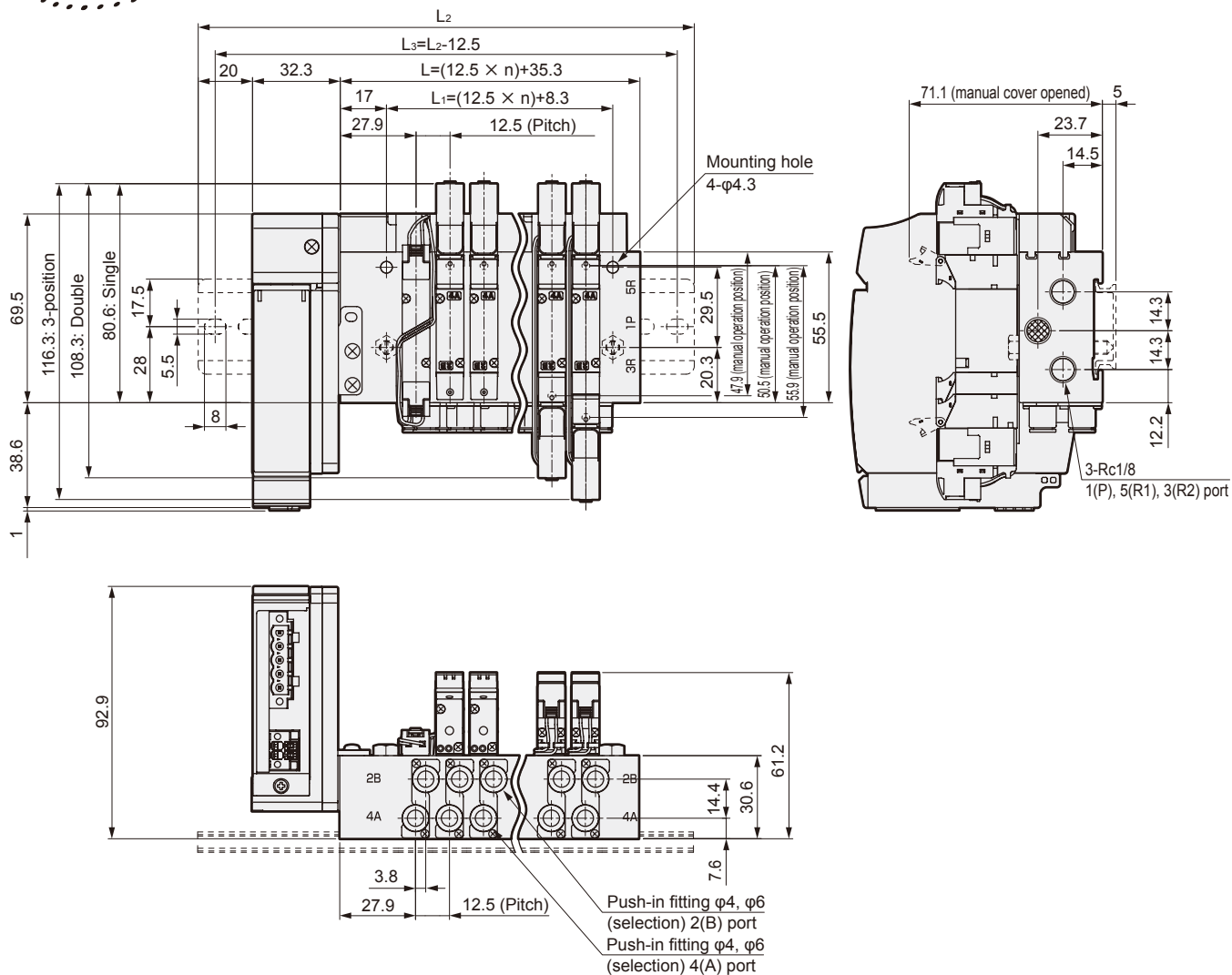
Dimensions

M4GE1

- Serial transmission (T8)
- DIN rail mounting (D)



* The two 3-port valves integrated has the same dimensions as the double type.

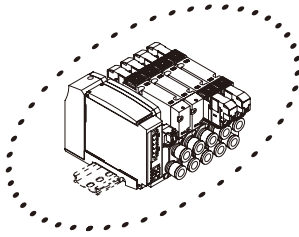


Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3	197.8	210.3	222.8	235.3	247.8	260.3	272.8	285.3
L1	33.3	45.8	58.3	70.8	83.3	95.8	108.3	120.8	133.3	145.8	158.3	170.8	183.3	195.8	208.3	220.8	233.3	245.8	258.3
L2	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0	312.5				
L3	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5	275.0	287.5	300.0				

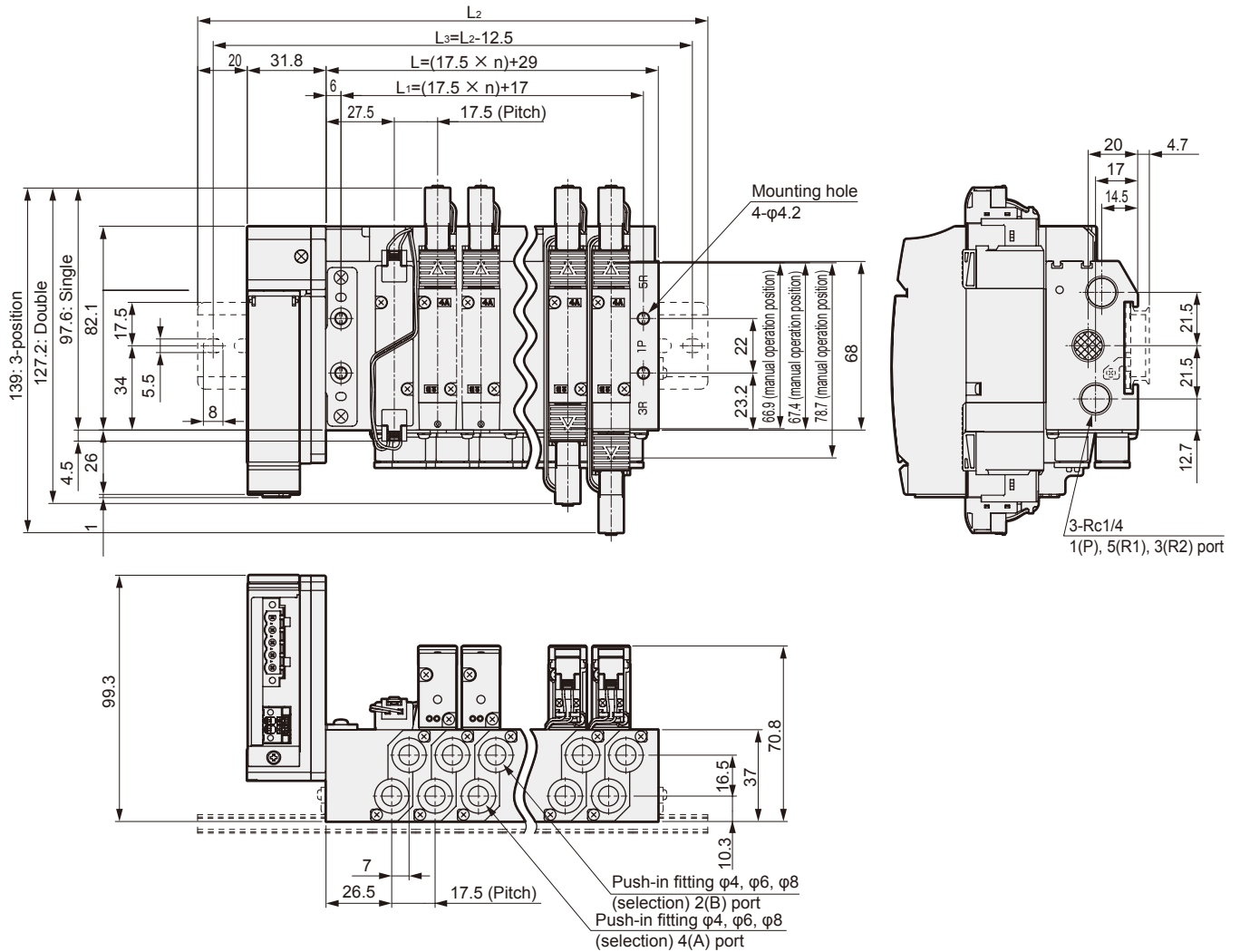
Dimensions

M4GE2

- Serial transmission (T8)
- DIN rail mounting (D)



* The two 3-port valves integrated has the same dimensions as the double type.



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	64.0	81.5	99.0	116.5	134.0	151.5	169.0	186.5	204.0	221.5	239.0	256.5	274.0	291.5	309.0	326.5	344.0	361.5	379.0
L ₁	52.0	69.5	87.0	104.5	122.0	139.5	157.0	174.5	192.0	209.5	227.0	244.5	262.0	279.5	297.0	314.5	332.0	349.5	367.0
L ₂	137.5	162.5	175.0	200.0	212.5	225.0	250.0	262.5	287.5	300.0	312.5	337.5	350.0	375.0	387.5				
L ₃	125.0	150.0	162.5	187.5	200.0	212.5	237.5	250.0	275.0	287.5	300.0	325.0	337.5	362.5	375.0				

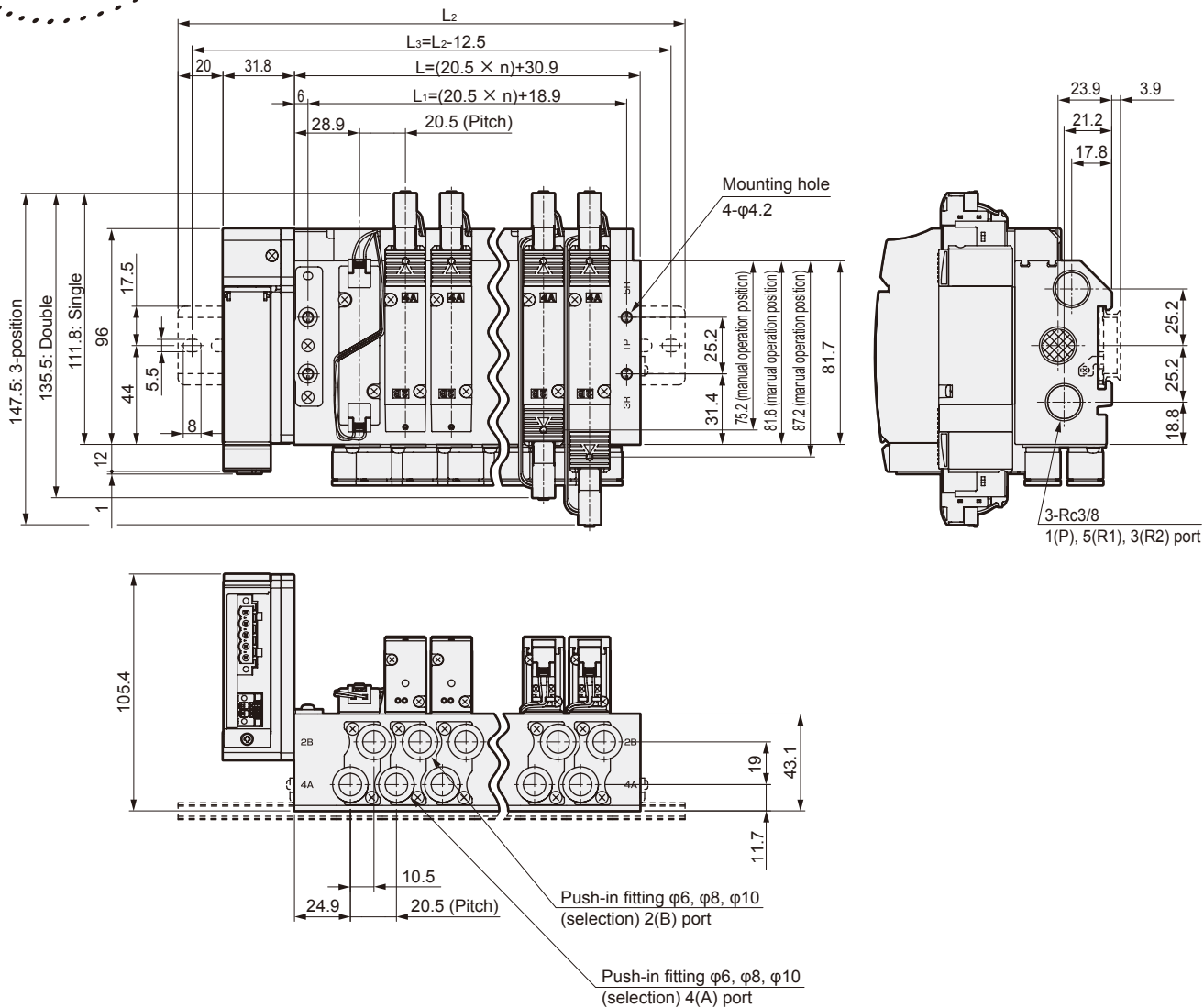
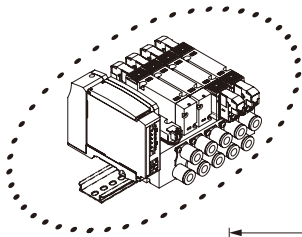
M4GE3-T8* Series

Reduced wiring manifold; base piping; serial transmission

Dimensions

M4GE3

- Serial transmission (T8)
- DIN rail mounting (D)



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L	71.9	92.4	112.9	133.4	153.9	174.4	194.9	215.4	235.9	256.4	276.9	297.4	317.9	338.4	358.9
L ₁	59.9	80.4	100.9	121.4	141.9	162.4	182.9	203.4	223.9	244.4	264.9	285.4	305.9	326.4	346.9
L ₂	150.0	175.0	187.5	212.5	237.5	250.0	275.0	287.5	312.5	337.5	350.0	375.0	400.0	412.5	437.5
L ₃	137.5	162.5	175.0	200.0	225.0	237.5	262.5	275.0	300.0	325.0	337.5	362.5	387.5	400.0	425.0

MN4GD1/2-T8* Series

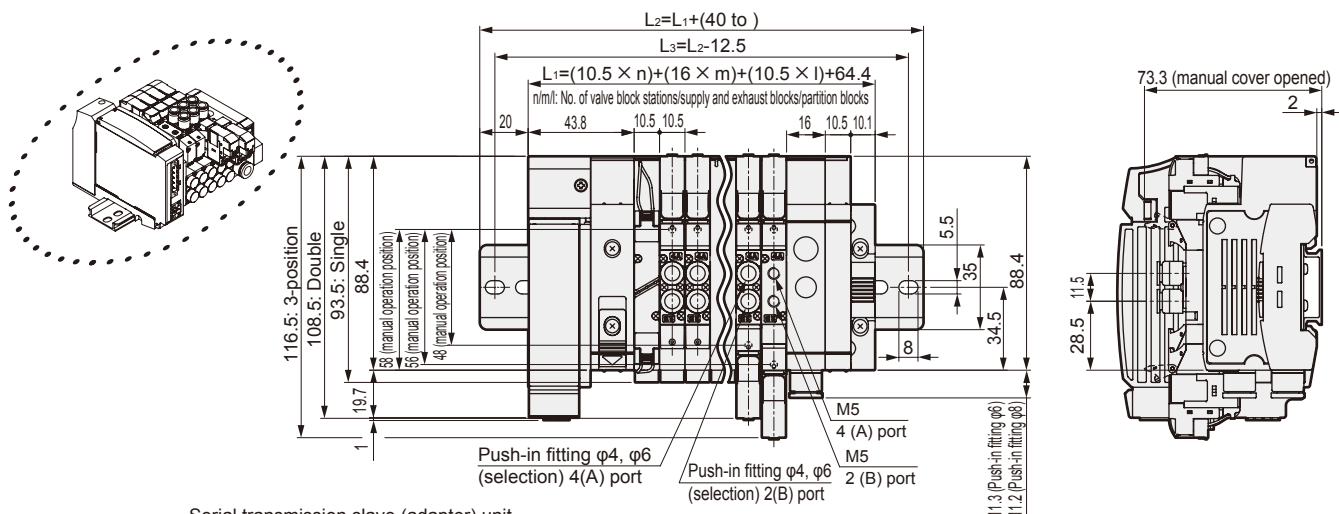
Reduced wiring block manifold; body piping

Dimensions

MN4GD1

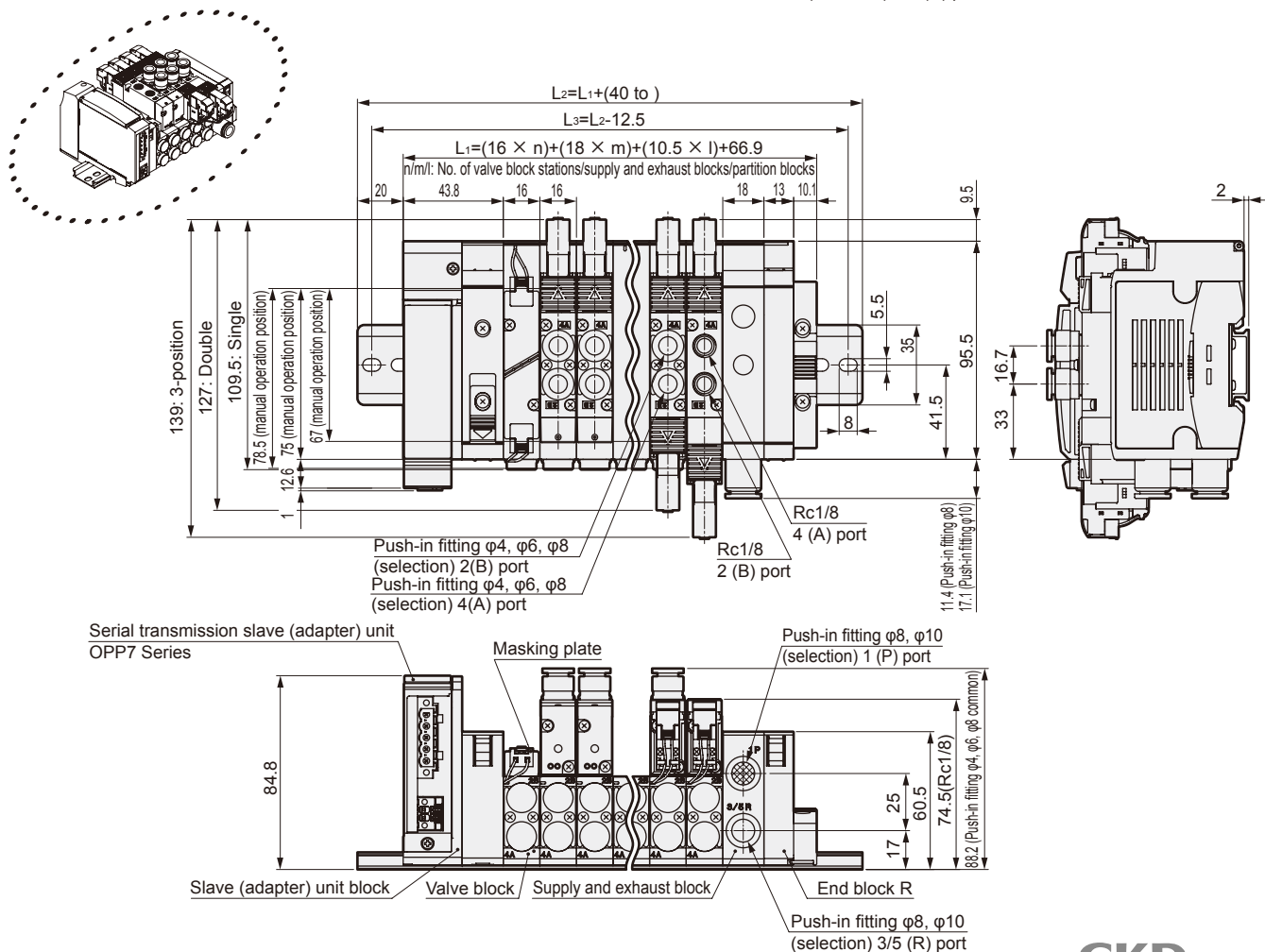
- Serial transmission (T8□)

Note: For the 2-position single 3-port valve, either port A or port B is a plug. In addition, the two 3-port valves integrated has the same dimensions as the double model.



MN4GD2

- Serial transmission (T8□)



MN4GE1/2-T8* Series

Reduced wiring block manifold; base piping

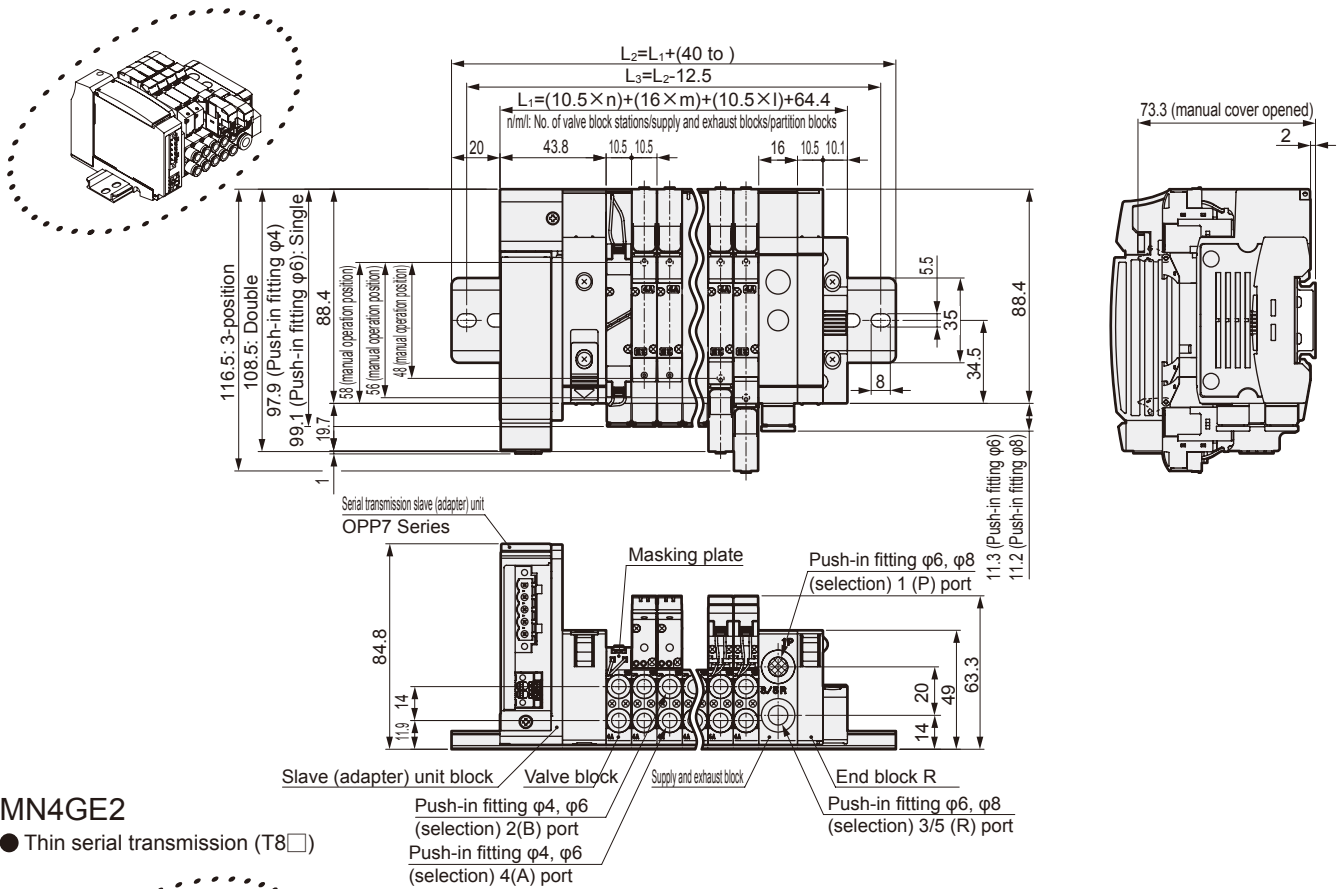
Dimensions



MN4GE1

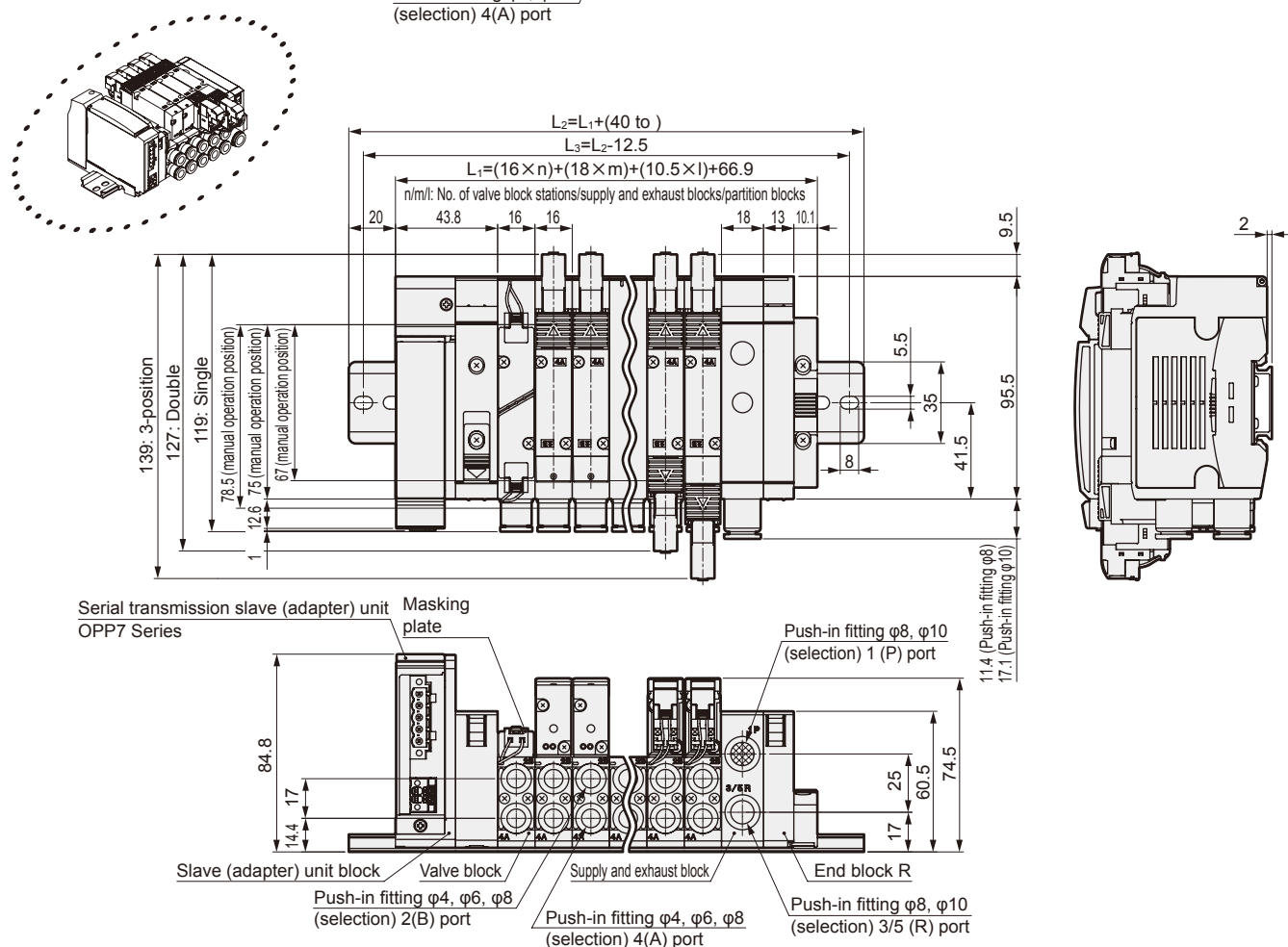
- Thin serial transmission (T8□)

Note: The two 3-port valves integrated has the same dimensions as the double type.



MN4GE2

- Thin serial transmission (T8□)



Technical data

Slave (Adapter) unit wiring

Wiring to the communication socket

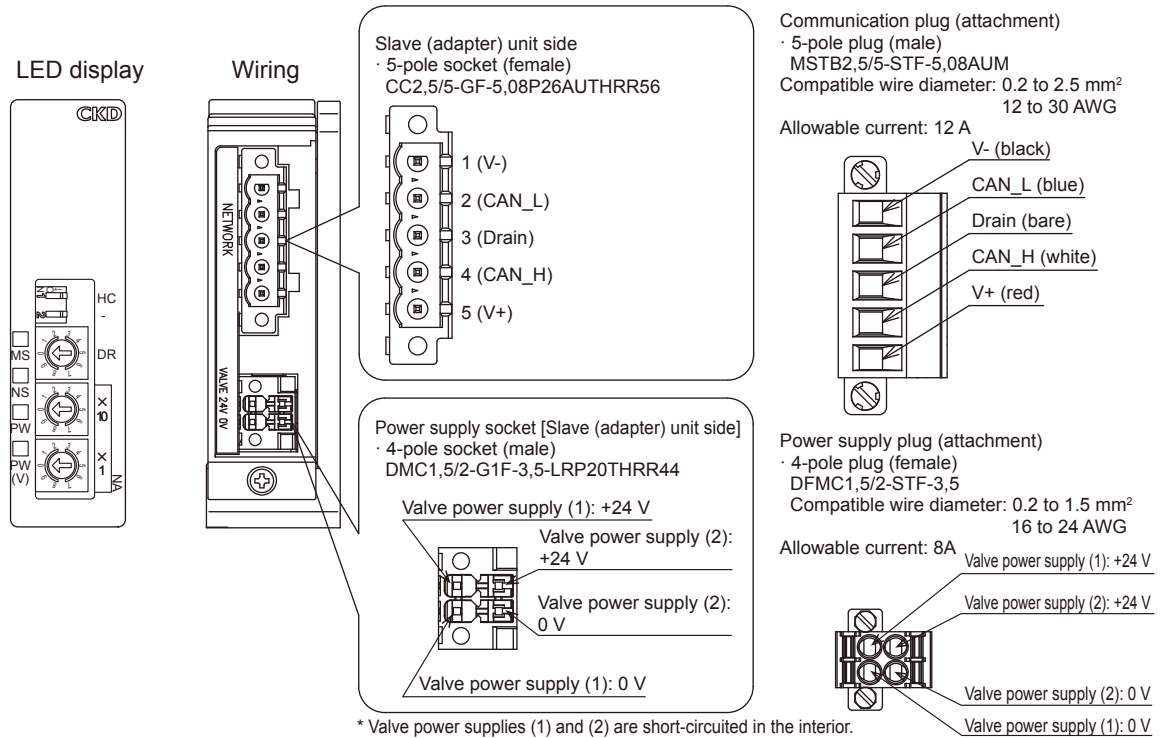
Communication connectors are attached with the product. However, connectors fitting the slave (adapter) unit side connectors listed below can be used.

CC 2, 5 / 5-GF-5, 08 P26 AUTHRR56 Phoenix Contact 5-pole connector

Wiring to the power supply socket

Power supply connectors are attached with the product. However, connectors fitting the slave (adapter) unit side connectors listed below can be used.

DMC 1, 5 / 2-G1F-3, 5-LRP20THRR44 Phoenix Contact 4-pole connector



LED display description

LED name	Display description
PW	Lights when communication power is ON. Green lamp is ON when normal
PW(V)	Lights when valve power is ON. Green lamp is ON when normal (Cannot be monitored when communication power is OFF)
MS	Status of the slave (adapter) unit related to DeviceNet is indicated by the LED color (green/red) and state (ON/blinking)
NS	Status of the network related to DeviceNet is indicated by the LED color (green/red) and state (ON/blinking)

Communication connector pin array

Pin	Signal name	Function
1	V-	Communication power supply (-)
2	CAN_L	Communication terminal (L)
3	Drain	Shield terminal
4	CAN_H	Communication terminal (H)
5	V+	Communication power supply (+)

M4G1 Serial transmission thin

M4G^{A B D E}1-T8 Manifold specifications sheet

Date issued / /

Company

Contact

Order No.

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

Slip No. Order No.

● Manifold model No.

M <sup>A
B
D
E</sup> G 1 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	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-																									
In-stop valve spacer 4G1R-IS																									
Exhaust spacer 4G1R-R-																									
Mounting rail L₂= * Write an integer multiple of 12.5.	Accessory	Blanking plug										Thread plug				Silencer									
		PG-P2-B *2					GWP4-B					4G1R-M5P				SLW-6S				SLW-6A					
		GWP6-B					GWP8-B *3																		
		Push-in fitting tube remover (attached as standard) ☐ Not required (check the box)																							

* M4GB C8 does not have a tube removal tool attached. *2: M4GA, B only supported *3: M4GB3 only supported

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

Connector pin No.				Installation position																			
T8D*				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
T8D1	DeviceNet	NPN	16 points	1																			
T8D2			32 points	2																			
T8DP1		PNP	16 points	3																			
T8DP2			32 points	4																			
				5																			
				6																			
				7																			
				8																			
				9																			
				10																			
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				32																			

M4G2 Serial transmission thin

M4G^{A B D E}2-T8 Manifold specifications sheet

Date issued / /
 Company
 Contact
 Order No.

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

● Manifold model No.

M^{A B D E}G^{A B D E}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-M *																													
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 *																					

* M4GB only supported

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

Connector pin No.				Installation position																				
T8D*				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
T8D1	DeviceNet	NPN	16 points	1																				
T8D2			32 points	2																				
T8DP1		PNP	16 points	3																				
T8DP2			32 points	4																				
				5																				
				6																				
				7																				
				8																				
				9																				
				10																				
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				32																				

M4G3 Serial transmission thin

M4G^{A B D E}3-T8 Manifold specifications sheet

Date issued / /

Company

Contact

Order No.

● Contact

● Quantity

set(s)

● Delivery date /

Slip No.

Order No.

● Manifold model No.

M<sup>A
B
D
E</sup> G<sup>A
B
D
E</sup> 3 OR- - - - - 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	
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				

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

Connector pin No.				Installation position															
T8D*				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
T8D1	DeviceNet	NPN	16 points	1															
T8D2			32 points	2															
T8DP1		PNP	16 points	3															
T8DP2			32 points	4															
				5															
				6															
				7															
				8															
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				32															

MN4G1 Block manifold specifications sheet

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

● Manifold model No. Contact Order No.
 MN G 1 0R- - - - 3

(A) Model No. (B) Solenoid position (C) Port size (D) Electrical connection (reduced wiring) (E) Terminal/connector pin array (Note: Fill in for reduced wiring.) (F) Option (G) Station No. (H) Voltage

When filling in the form, select a model number from the block configurations in "Pneumatic Valves" (No. CB-023SA).

Part name	Model No.	Layout position																														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	
Wiring block	N4G1R-T8D																															
Valve block with solenoid valve	N4GB1	0R-																														
	N4GB1	0R-																														
	N4GB1	0R-																														
	N4GB1	0R-																														
	N4GB1	0R-																														
	N4GB1	0R-																														
	N3GB1	0R-																														
	N3GB1	0R-																														
Valve block with masking plate	N4GB1R-MPS-																															
	N4GB1R-MPD-																															
Air supply spacer	4G1R-P-																															
	4G1R-P-																															
Exhaust spacer	4G1R-R-																															
In-stop valve spacer	4G1R-IS *																															
Supply and exhaust block	N4G1R-Q	-																														
	N4G1R-Q	-																														
	N4G1R-Q	-																														
Partition block	N4G1R-S																															
	N4G1R-S																															
	N4G1R-S																															
End block	N4G1R-E																															
	N4G1R-E																															
Mounting rail	L ₂ = * Write an integer multiple of 12.5.	Blanking plug										Silencer										Tag plate (attachment)		Accessory								
		GWP4-B		GWP6-B		GWP8-B		SLW-H6		SLW-H8		B1		B2																		
		Push-in fitting tube remover (attached as standard) ☐ Not required (check the box)																														

* MN4GA, B only supported

MN4G2 Block manifold specifications sheet

/

Date issued / /

Order No.

Company

Contact

Order No.

H Voltage

position

(Note: Fill in for reduced wiring.)

1

No.

•

When filling in the form, select a model number from the block configurations in "Pneumatic Valves" (No. CB-023SA).

Part name	Model No.	Layout position																														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	
Wiring block	N4G2R-TBD																															
Valve block with solenoid valve	N4GB2	0R-																														
	N4GB2	0R-																														
	N4GB2	0R-																														
	N4GB2	0R-																														
	N4GB2	0R-																														
	N4GB2	0R-																														
	N3GB2	0R-																														
	N3GB2	0R-																														
Valve block with masking plate	N4GB2R-MPS-																															
	N4GB2R-MPD-																															
Air supply spacer	4G2R-P-																															
	4G2R-P-																															
Exhaust spacer	4G2R-R-																															
In-stop valve spacer	4G2R-IS *1																															
Spacer pilot check valve	4G2R-PC-M *2																															
Supply and exhaust block	N4G2R-Q	-																														
	N4G2R-Q	-																														
	N4G2R-Q	-																														
Partition block	N4G2R-S																															
	N4G2R-S																															
	N4G2R-S																															
End block	N4G2R-E																															
	N4G2R-E																															
Mounting rail	L ₂ = * Write an integer multiple of 12.5.	Blanking plug										Silencer					Tag plate (attachment)					Accessory										
		GWP4-B					GWP8-B					SLW-H8					B															
		GWP6-B					GWP10-B					SLW-H10																				

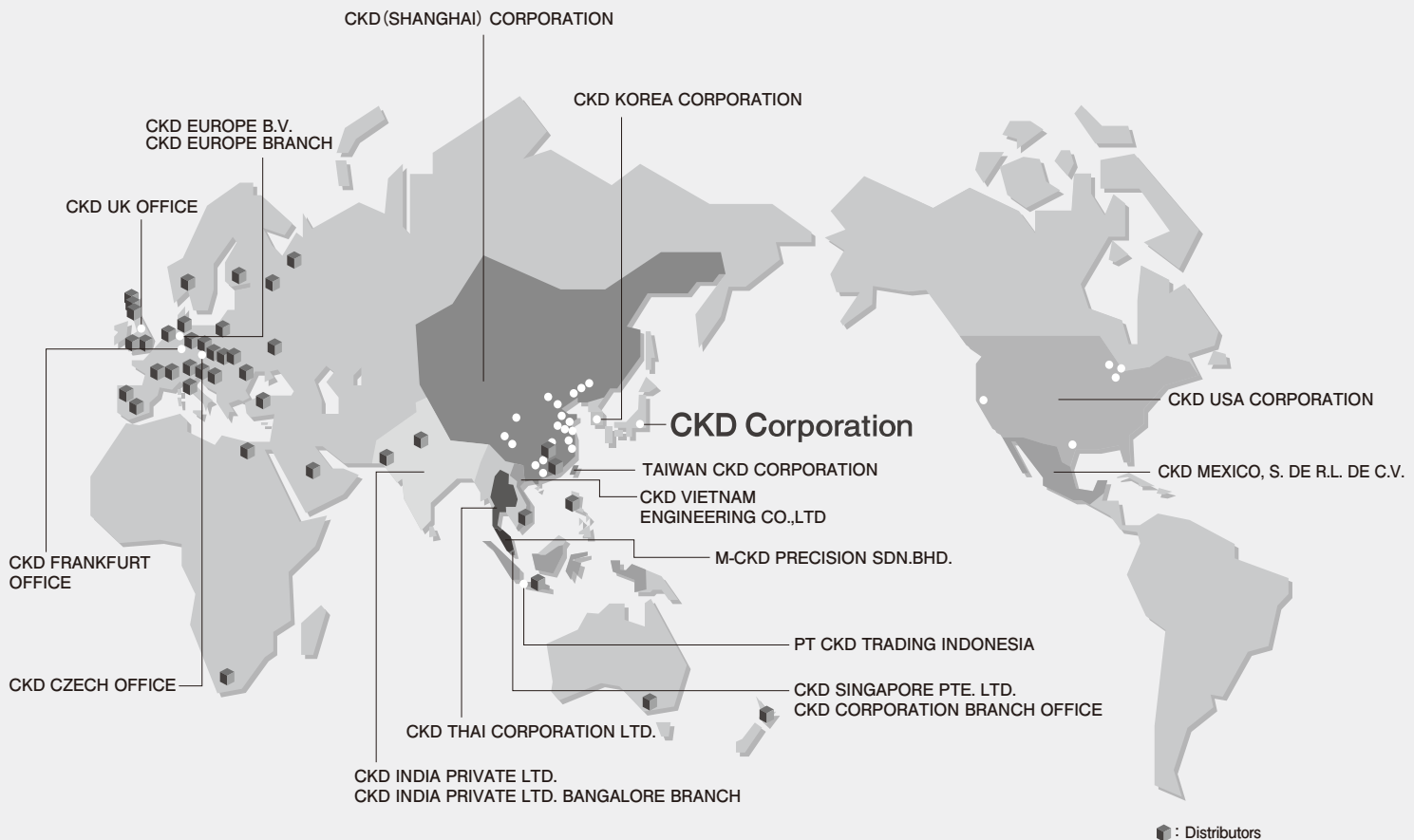
*1: MN4GA, B only supported *2: MN4GB only supported

Serial transmission (T8D*) wiring specifications sheet

* Fill in and attach to the manifold specifications sheet for anything other than the standard wiring or double wiring. (Available as a custom order)

* Not required with standard wiring/double wiring.

[illegible]



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