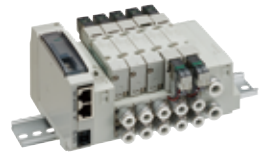


CC-Link IE Field Basic compatible serial transmission slave unit M4G/MN4G-T8 Series



Serial Transmission unit M4G/MN4G-T8 series

First in the industry

CC-Link IE Field Basic compatible slave unit added to series!



CC-Link IE Field Basic

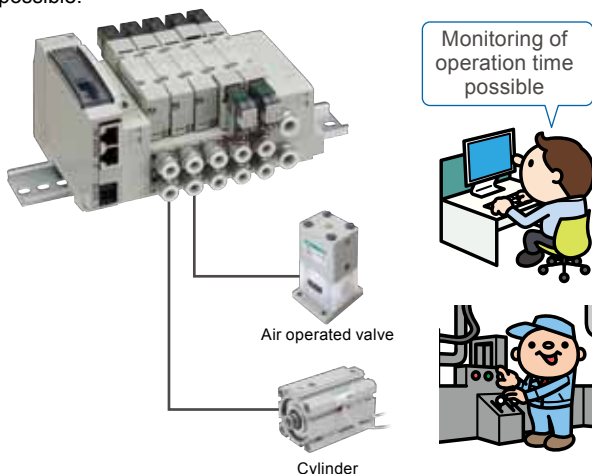
- Select from 32 or 16 points, and PNP or NPN.

Ideal for predictive maintenance

Counter function

You can count the number of outputs from the PLC to the valve, and monitor the operation cycle of the device connected to the valve and secondary side.

It anticipates the maintenance period from the operation cycle and nominal lifespan, and makes preventative maintenance possible.



Easily set addresses

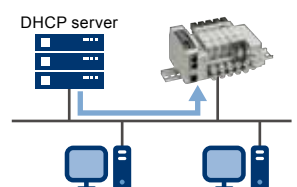
Set with rotary switches

You can directly set the address with the switches.



Assign from a DHCP server

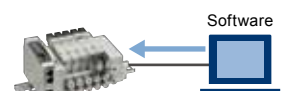
If a separate server is available, automatic acquisition of addresses is possible.



Assign from a PC

You can use third-party software to set the address.

[Reference software]
Mitsubishi Electric Corporation: GX Works2, GX Works3



M4G/MN4G-T8 Series

Specifications Please view together with the Pneumatic Valves Catalog (No. CB-023SA)

Descriptions		T8EB1	T8EB2	T8EBP1	T8EBP2
Communication system name		CC-Link IEF Basic			
Power supply voltage	Unit side	24 VDC $\pm 10\%$			
	Valve side	24 VDC +10%, -5%			
Current consumption	Unit side	130 mA or less			
	Valve side	15 mA or less (excluding load current)			
Output type		NPN		PNP	
Output points		16 points	32 points	16 points	32 points
LED display	Power supply	PW, PW (V)			
	Communication	L/A IN, L/A OUT, INFO			
Protection rating		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		T8EB*1: 16 points T8EB*2: 32 points					

● Block manifolds

Descriptions		MN3G*1/MN4G*1		MN3G*2/MN4G*2	
		T8EB*1	T8EB*2	T8EB*1	T8EB*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

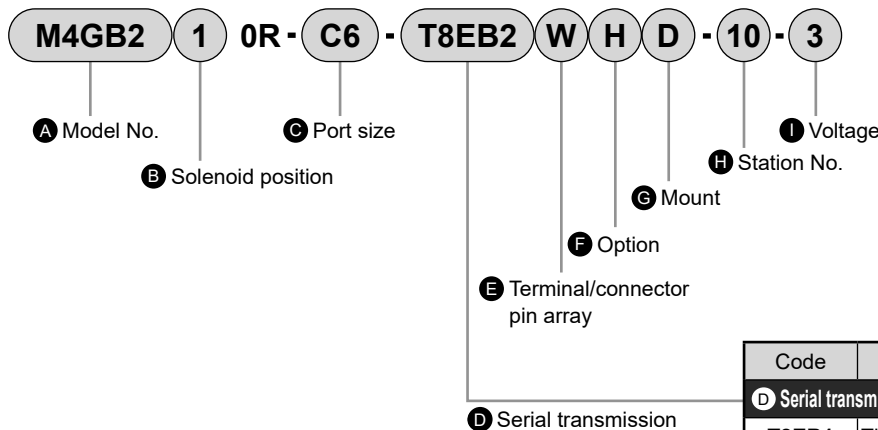
M3/4GA1, M3/4GB1, M3/4GD1, M3/4GE1
M3/4GA2, M3/4GB2, M3/4GD2, M3/4GE2
M3/4GA3, M4GB3, M3/4GD3, M4GE3

● Block manifolds

MN3/4GA1, MN3/4GB1, MN3/4GD1, MN3/4GE1
MN3/4GA2, MN3/4GB2, MN3/4GD2, MN3/4GE2

How to order

● Metal base Manifold equipped model [Example]



*Regarding listed model Nos.

This catalog only lists model Nos. for serial transmission slave units that have just been added (T8EB*). Refer to "Pneumatic Valves" (Catalog No. CB-023SA) for details on the M4G Series, such as specifications and model No.

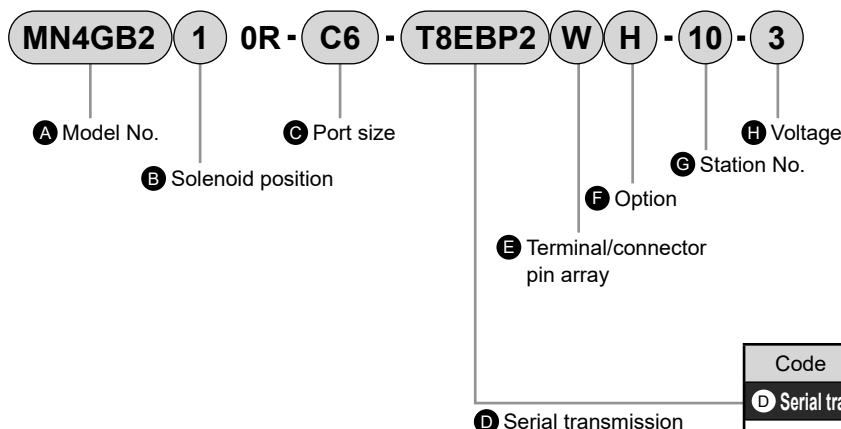
Code	Content
D	Serial transmission slave unit (lamp/surge suppressor provided as standard)
T8EB1	Thin CC-Link IEF Basic 16 points (NPN output)
T8EBP1	Thin CC-Link IEF Basic 16 points (PNP output)
T8EB2	Thin CC-Link IEF Basic 32 points (NPN output)
T8EBP2	Thin CC-Link IEF Basic 32 points (PNP output)

[Example of model No.]

M4GB210R-C6-T8EB2WHD-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 CC-Link IEF Basic 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]



*Regarding listed model Nos.

This catalog only lists model Nos. for serial transmission slave units that have just been added (T8EB*). Refer to "Pneumatic Valves" (Catalog No. CB-023SA) for details on the MN4G Series, such as specifications and model No.

Code	Content
D	Serial transmission slave unit (lamp/surge suppressor provided as standard)
T8EB1	Thin CC-Link IEF Basic 16 points (NPN output)
T8EBP1	Thin CC-Link IEF Basic 16 points (PNP output)
T8EB2	Thin CC-Link IEF Basic 32 points (NPN output)
T8EBP2	Thin CC-Link IEF Basic 32 points (PNP output)

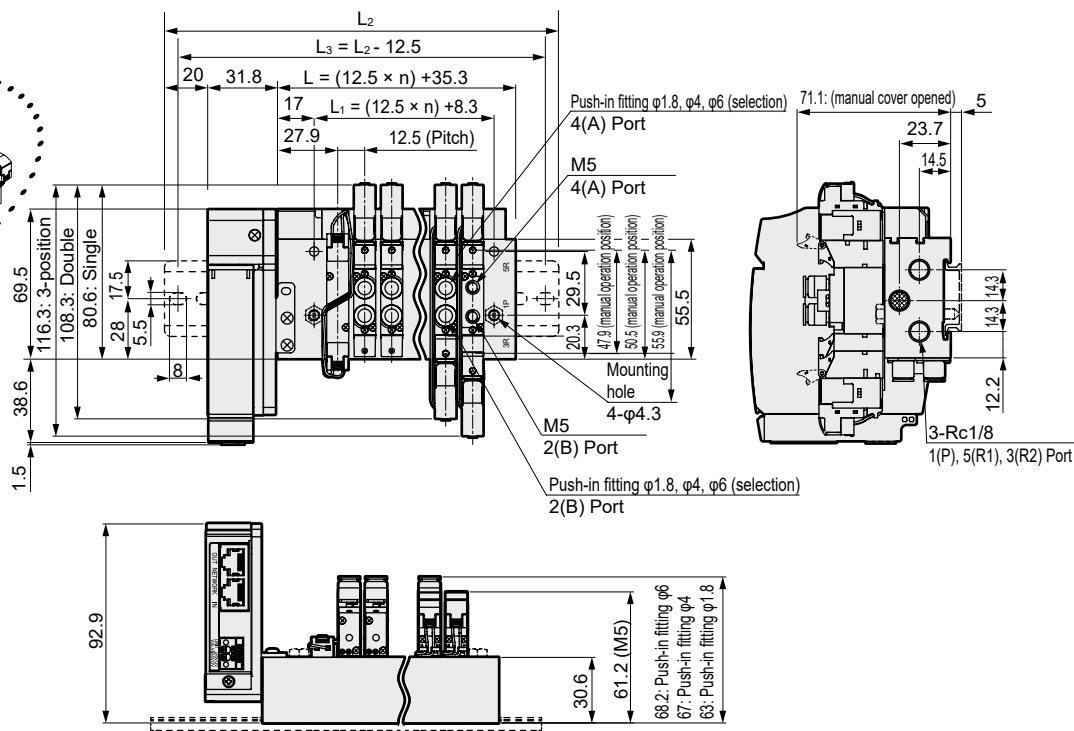
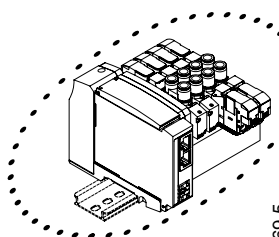
[Example of model No.]

MN4GB210R-C6-T8EBP2WH-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 CC-Link IEF Basic 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

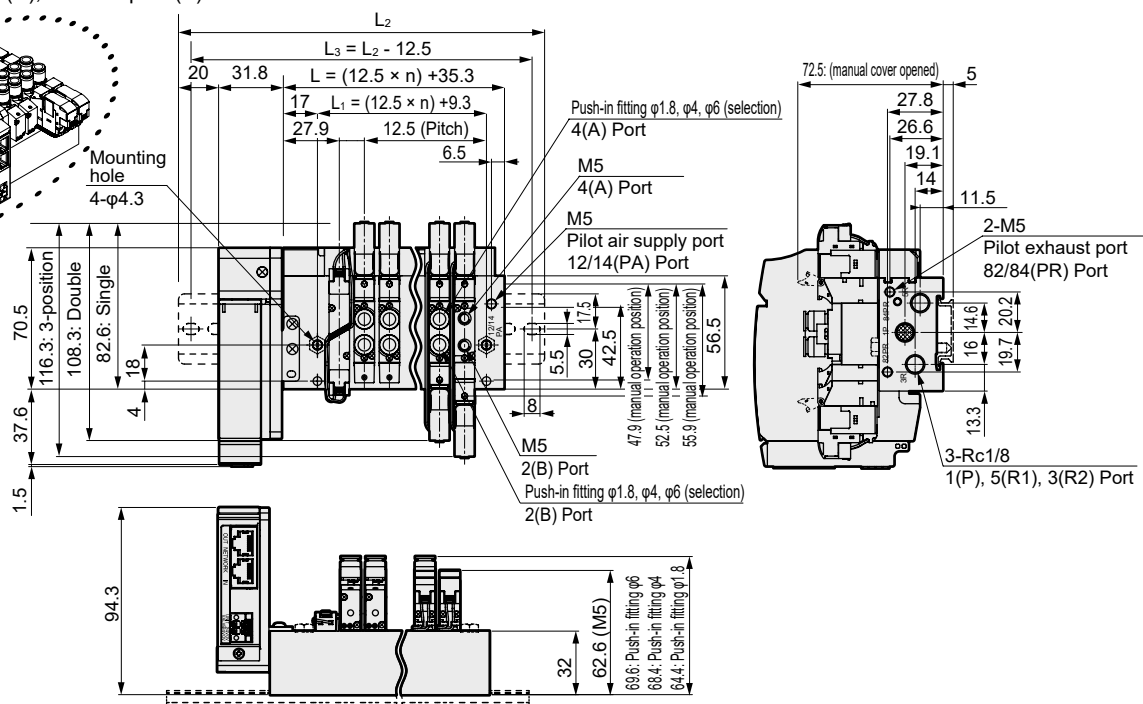
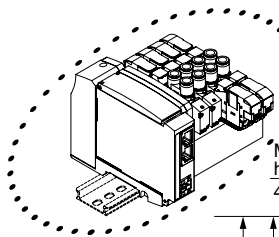
Dimensions

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



Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	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)

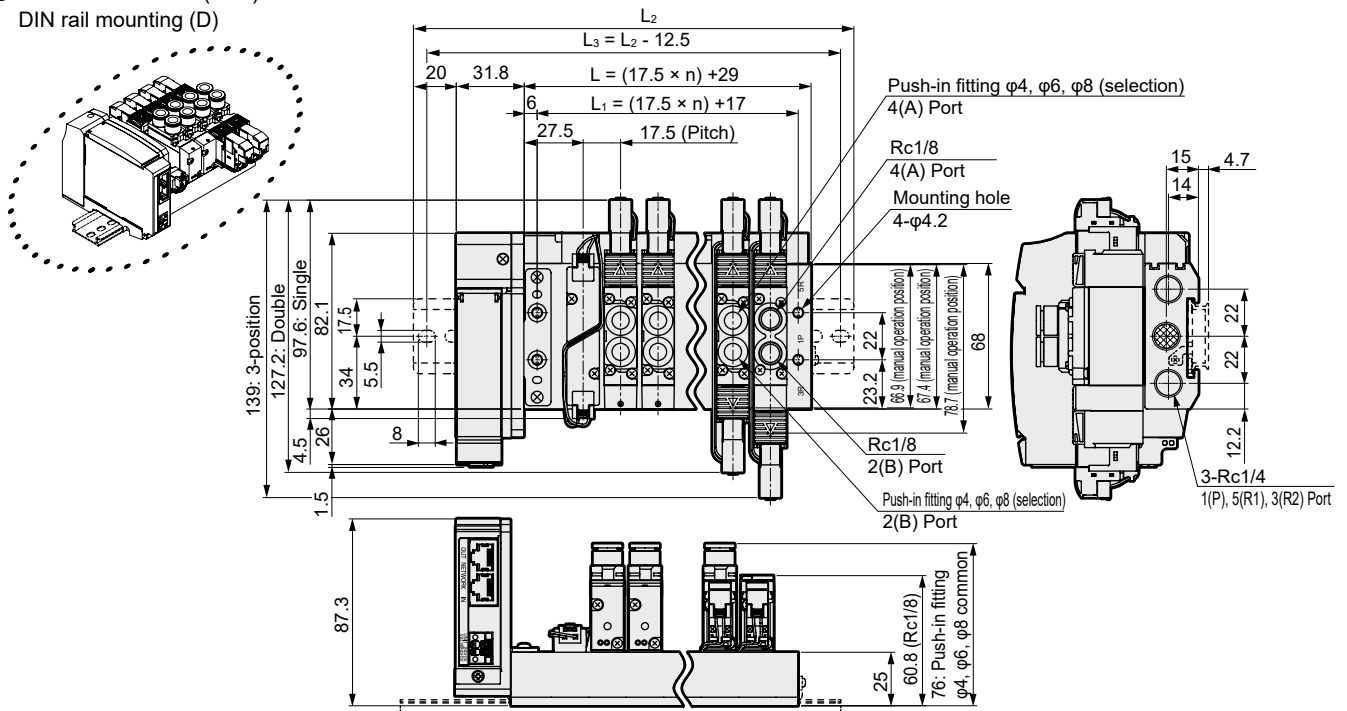


Station No.	2	3	4	5	6	7	8	9	10	11	12
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3
L ₁	34.3	46.8	59.3	71.8	84.3	96.8	109.3	121.8	134.3	146.8	159.3
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0

Dimensions

M4GA2

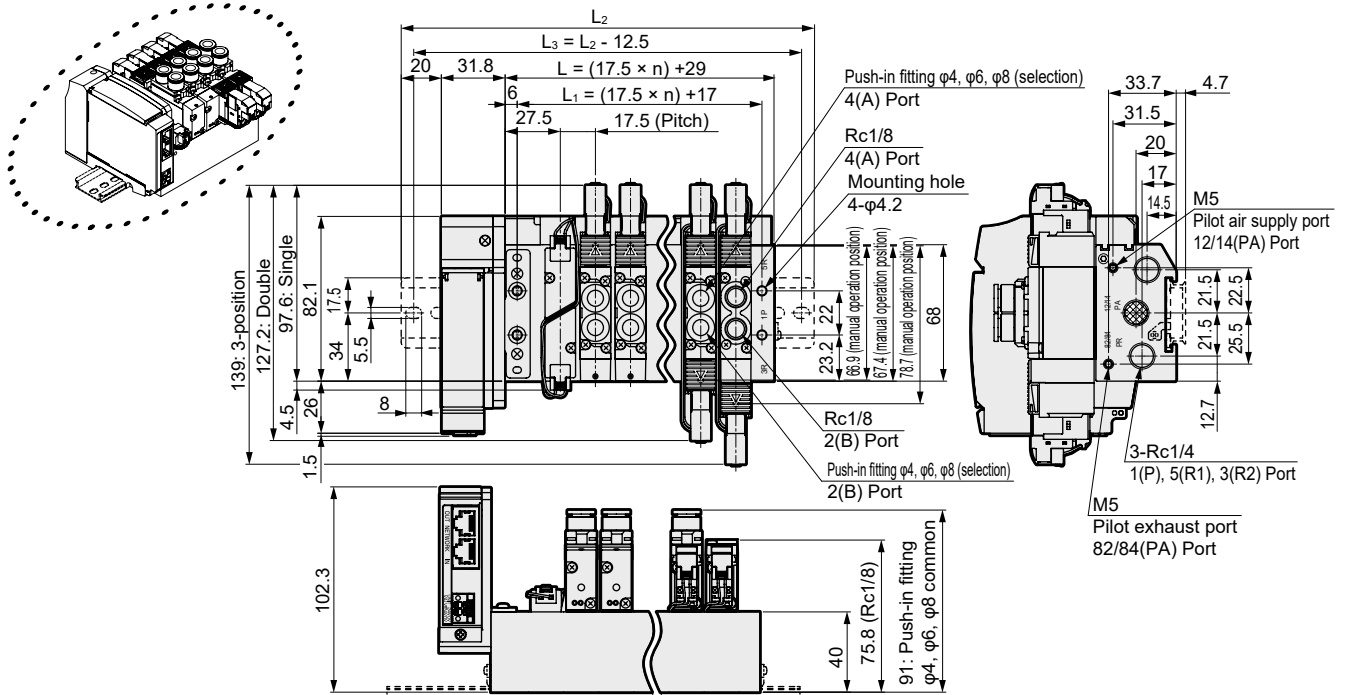
- Serial transmission (T8□)
- DIN rail mounting (D)



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)



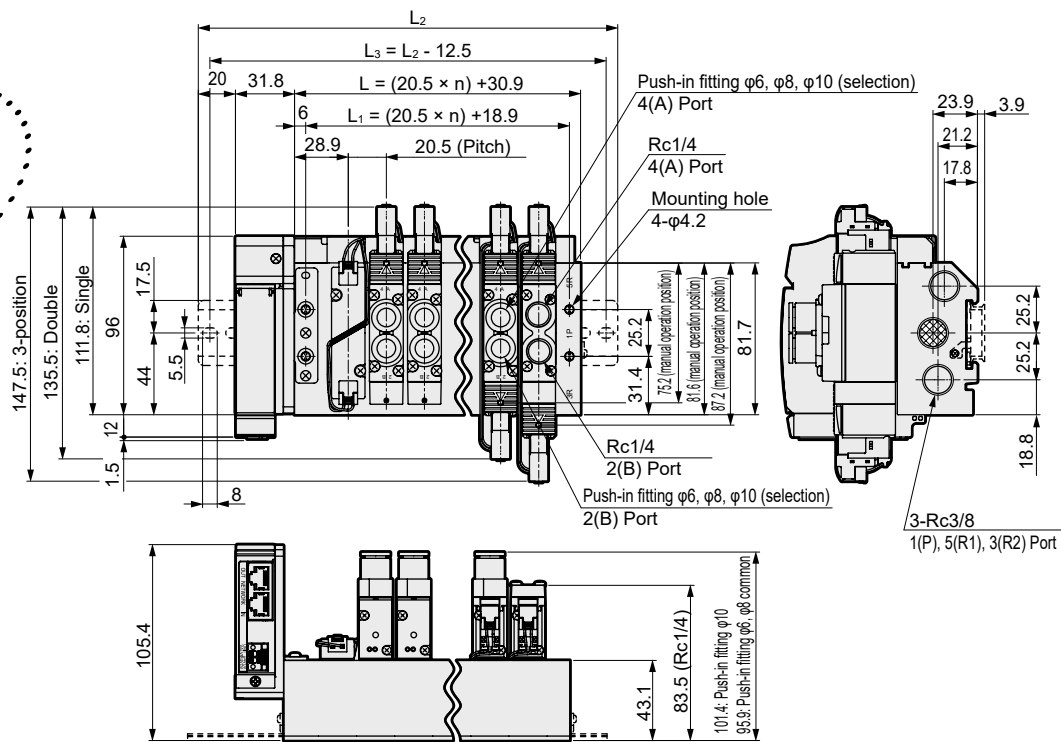
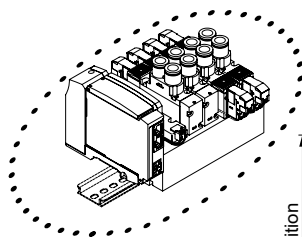
Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	64.0	81.5	99.0	116.5	134.0	151.5	169.0	186.5	204.0	221.5	239.0	256.5	274.0	291.5	309.0	326.5	344.0	361.5	379.0
L ₁	52.0	69.5	87.0	104.5	122.0	139.5	157.0	174.5	192.0	209.5	227.0	244.5	262.0	279.5	297.0	314.5	332.0	349.5	367.0
L ₂	137.5	162.5	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				

Reduced wiring manifold; body piping; serial transmission

Dimensions

M4GA3

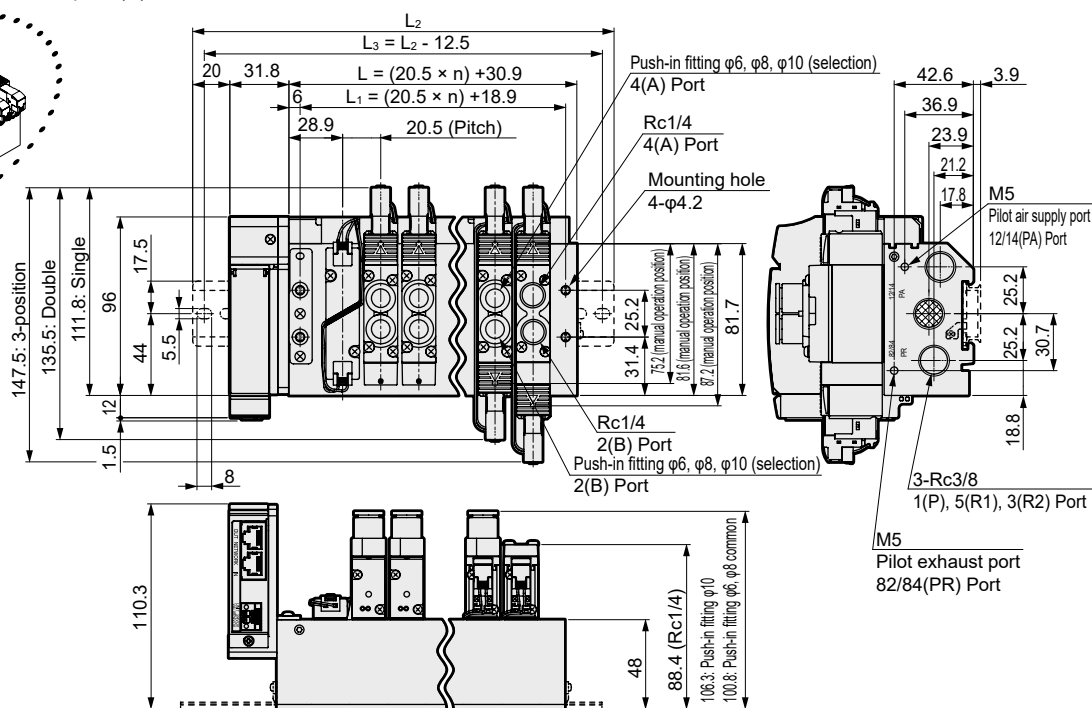
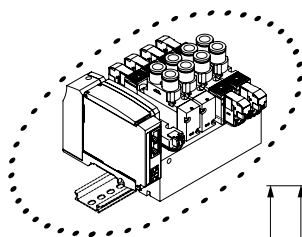
- Serial transmission (T8□)
DIN rail mounting (D)



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)

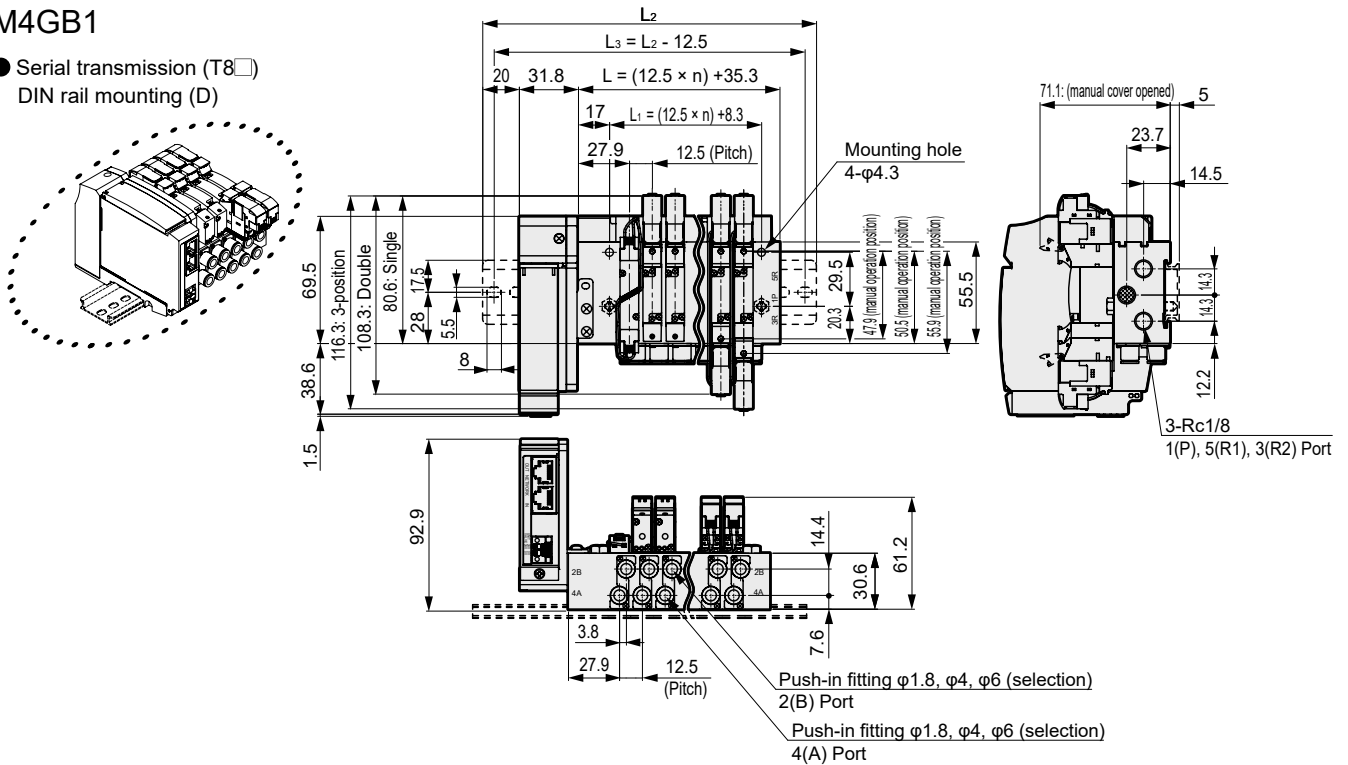


Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L	71.9	92.4	112.9	133.4	153.9	174.4	194.9	215.4	235.9	256.4	276.9	297.4	317.9	338.4	358.9
L ₁	59.9	80.4	100.9	121.4	141.9	162.4	182.9	203.4	223.9	244.4	264.9	285.4	305.9	326.4	346.9
L ₂	150.0	175.0	187.5	212.5	237.5	250.0	275.0	287.5	312.5	337.5	350.0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

Dimensions

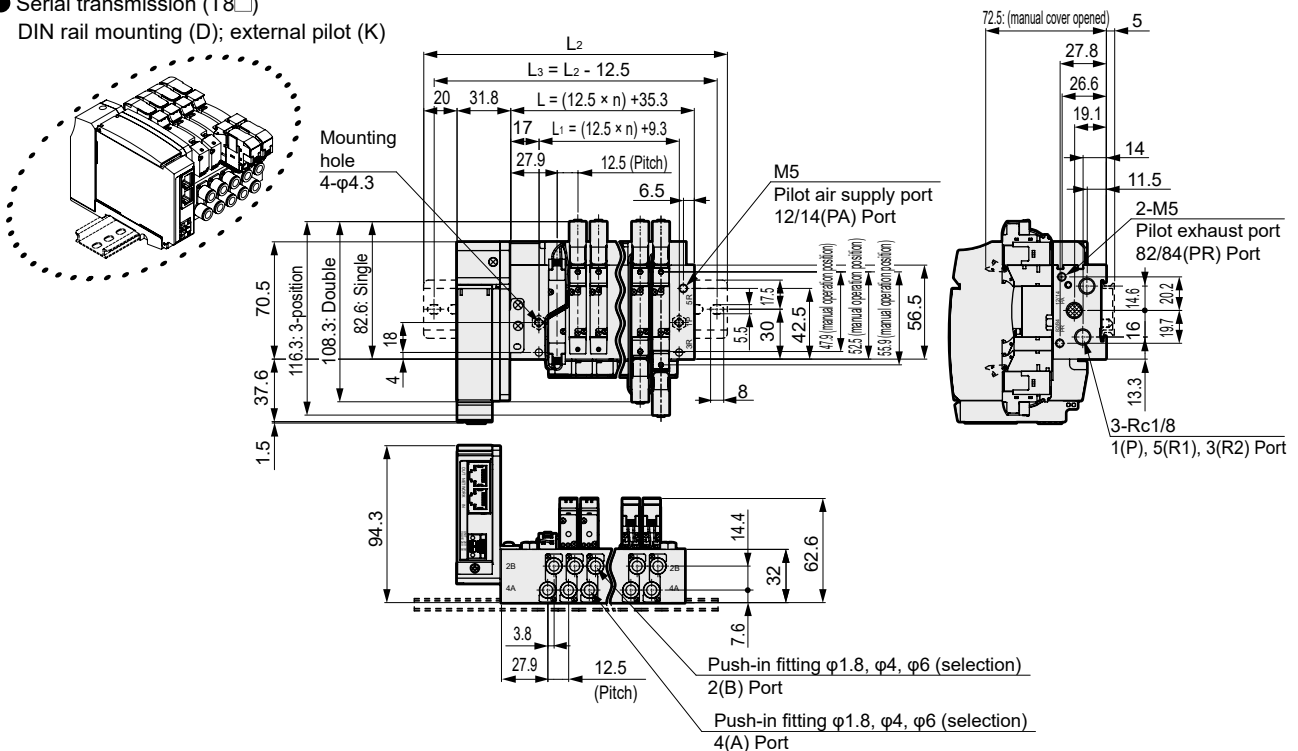
M4GB1

- 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)



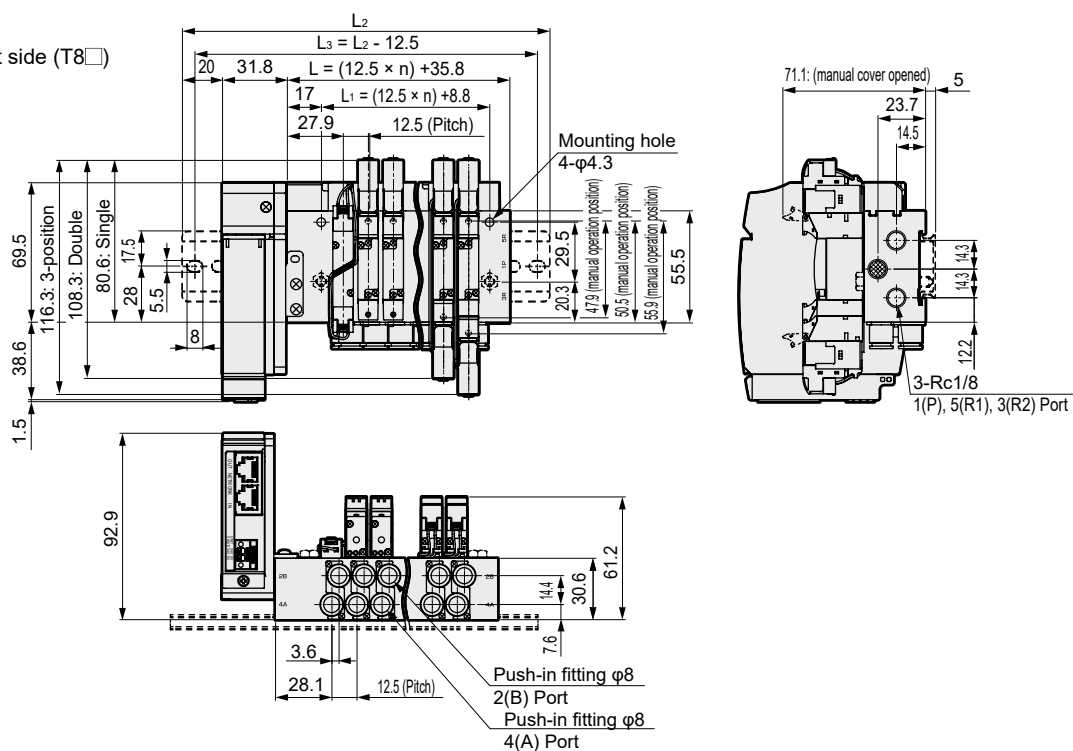
Station No.	2	3	4	5	6	7	8	9	10	11	12
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3
L ₁	34.3	46.8	59.3	71.8	84.3	96.8	109.3	121.8	134.3	146.8	159.3
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0

Reduced wiring manifold; base piping; serial transmission

Dimensions

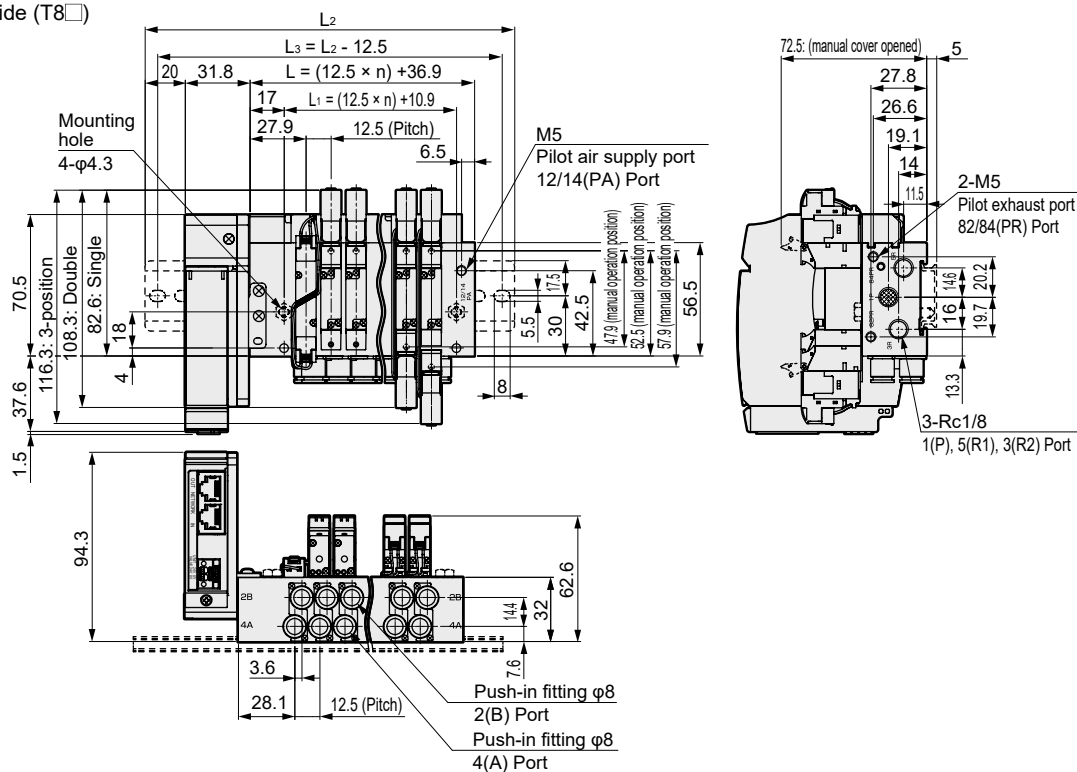
M4GB1-C8

- 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)

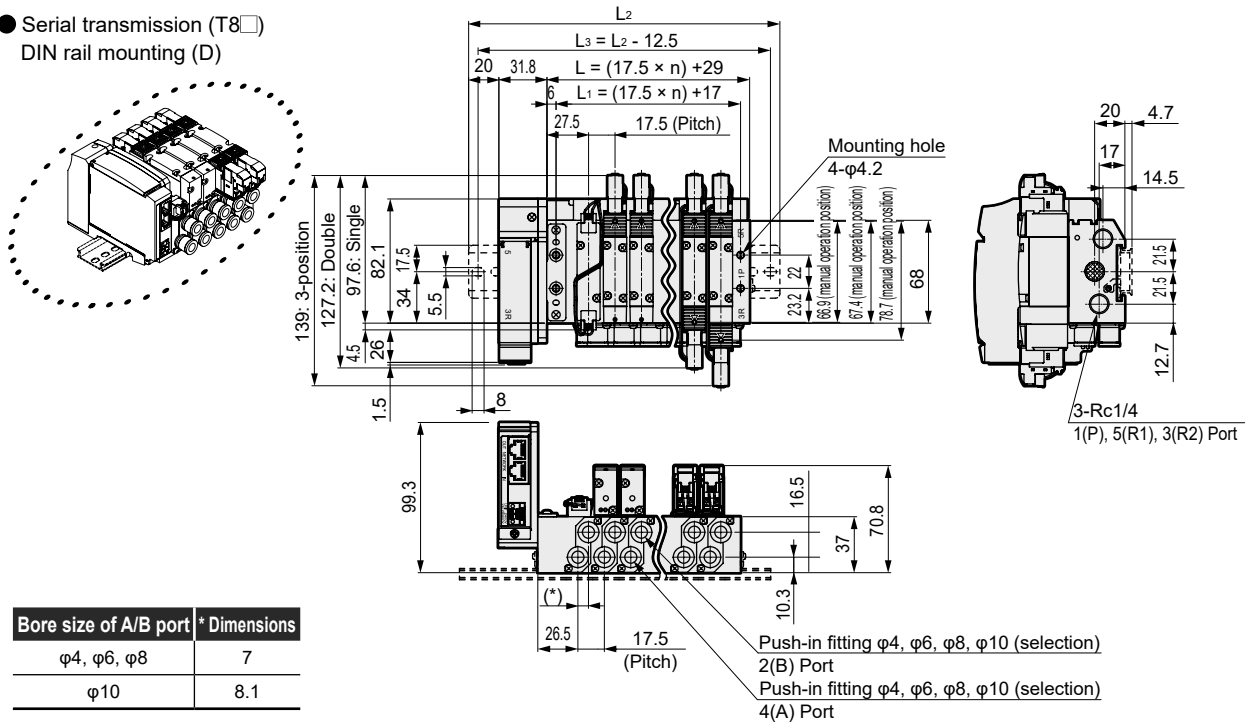


Station No.	2	3	4	5	6	7	8	9	10	11	12
L	61.9	74.4	86.9	99.4	111.9	124.4	136.9	149.4	161.9	174.4	186.9
L ₁	35.9	48.4	60.9	73.4	85.9	98.4	110.9	123.4	135.9	148.4	160.9
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0

Dimensions

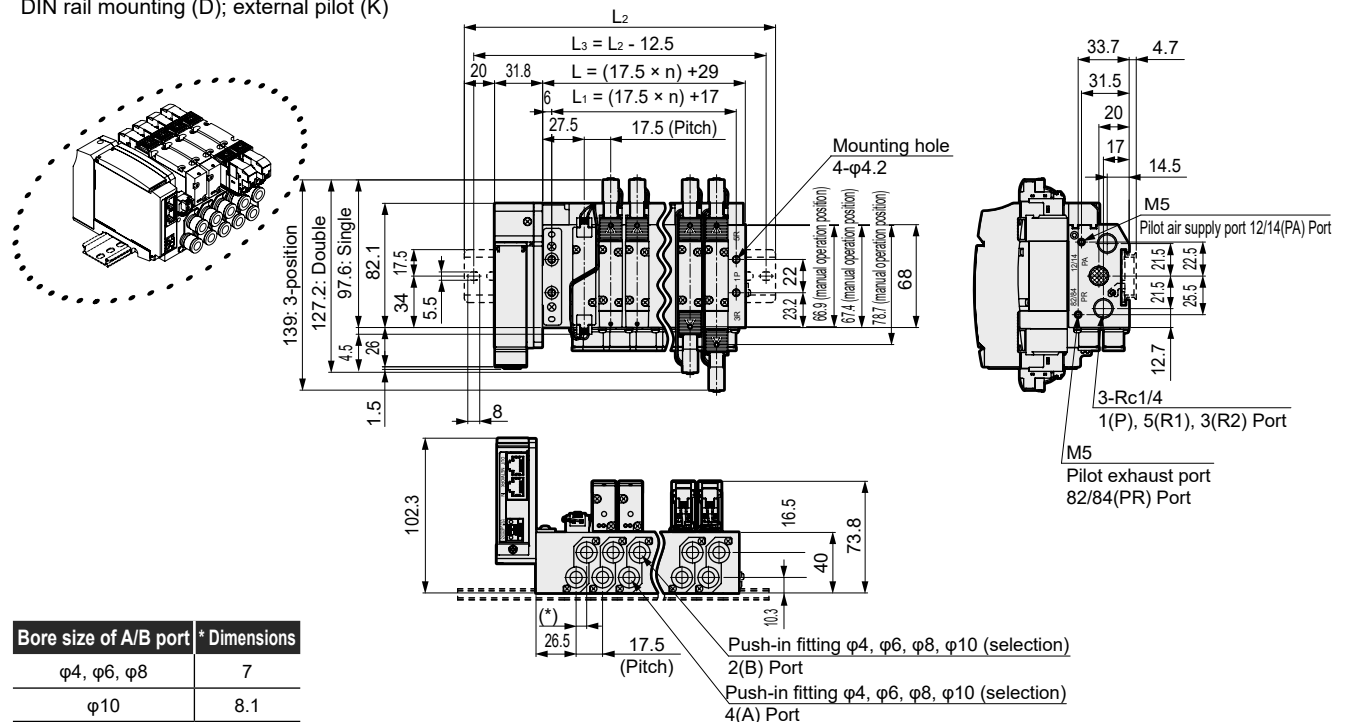
M4GB2

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



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)



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				

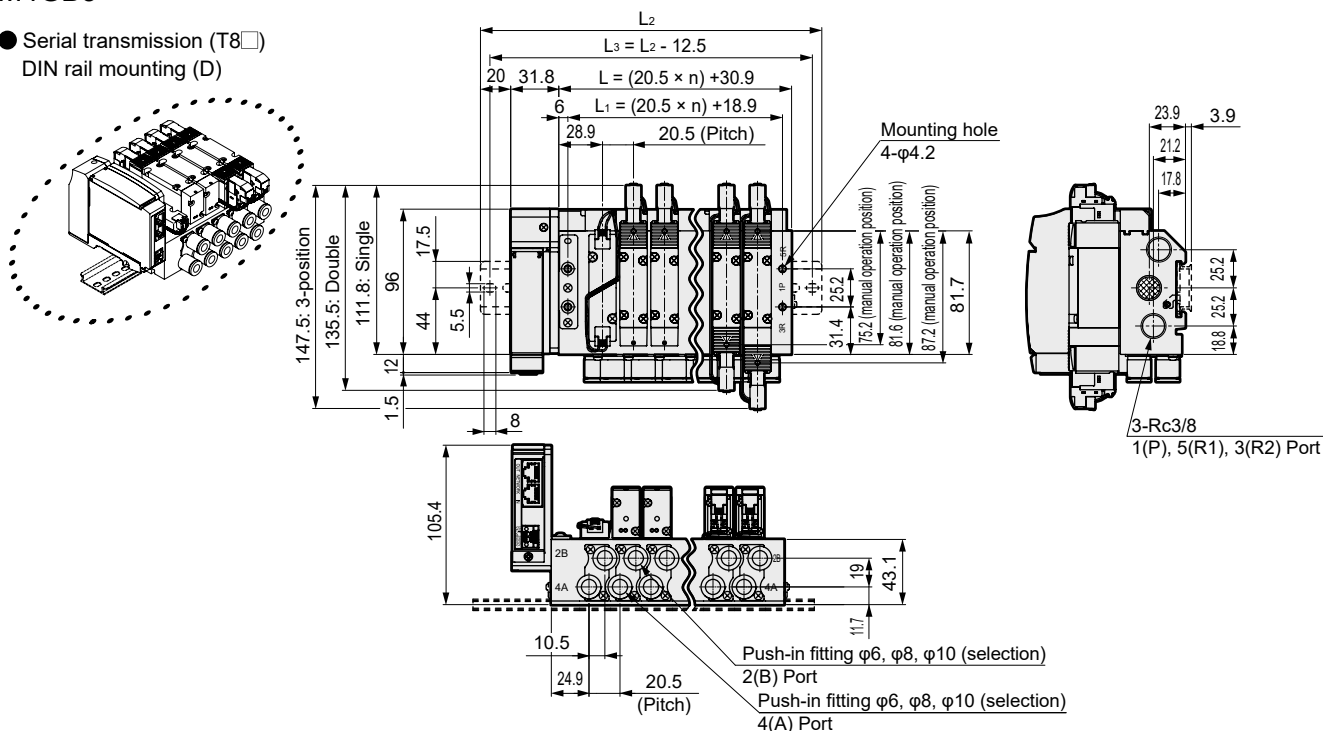
M4GB3-T8* Series

Reduced wiring manifold; base piping; serial transmission

Dimensions

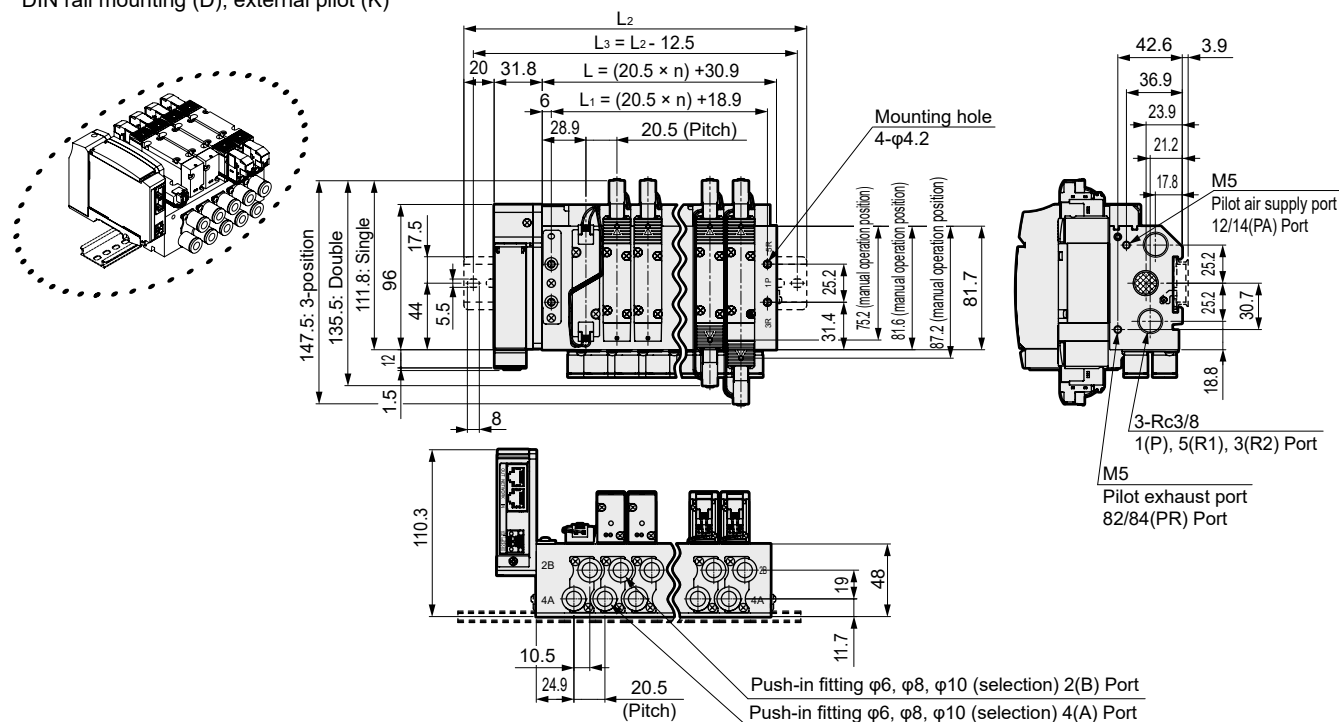
M4GB3

- 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

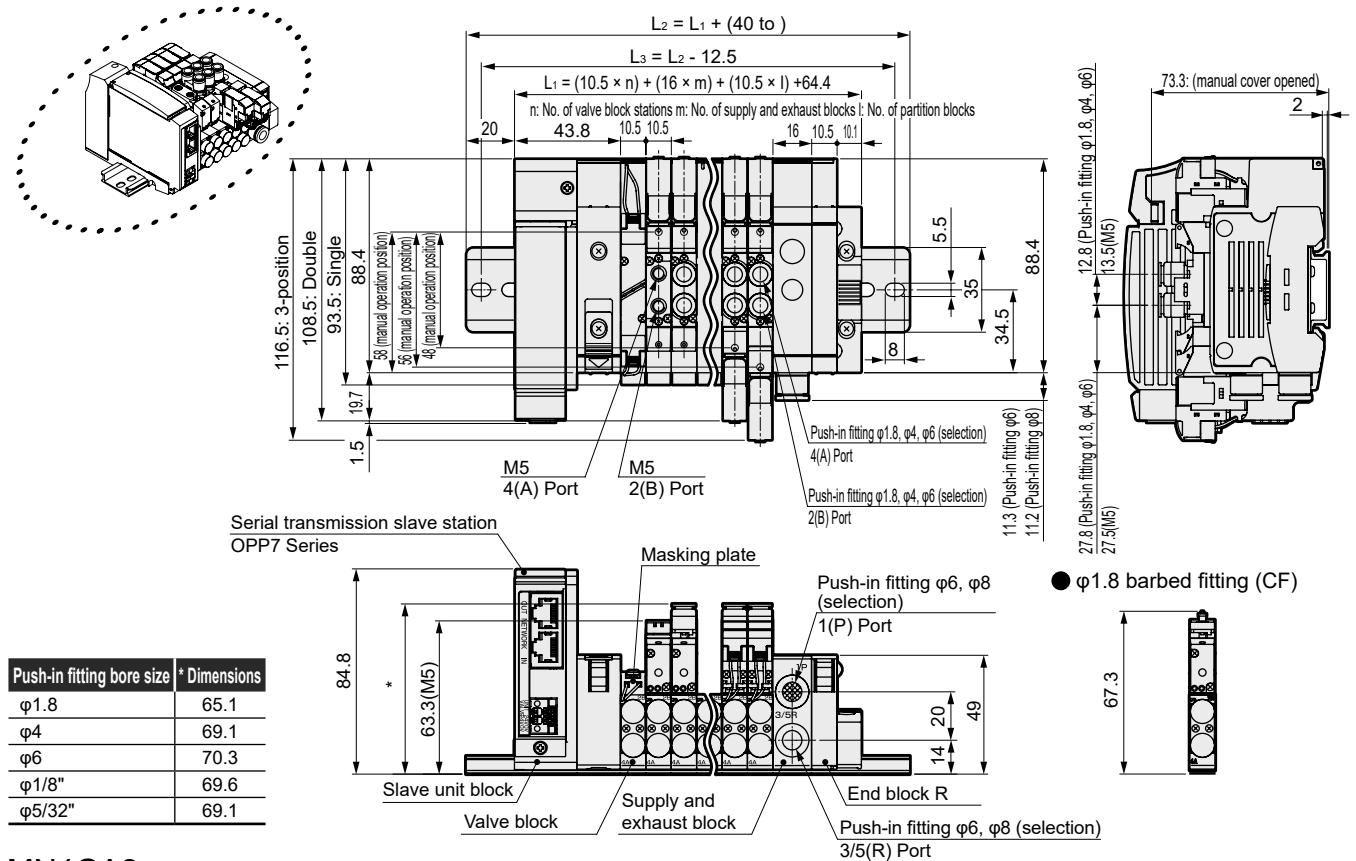
Reduced wiring block manifold; body piping

Dimensions

MN4GA1

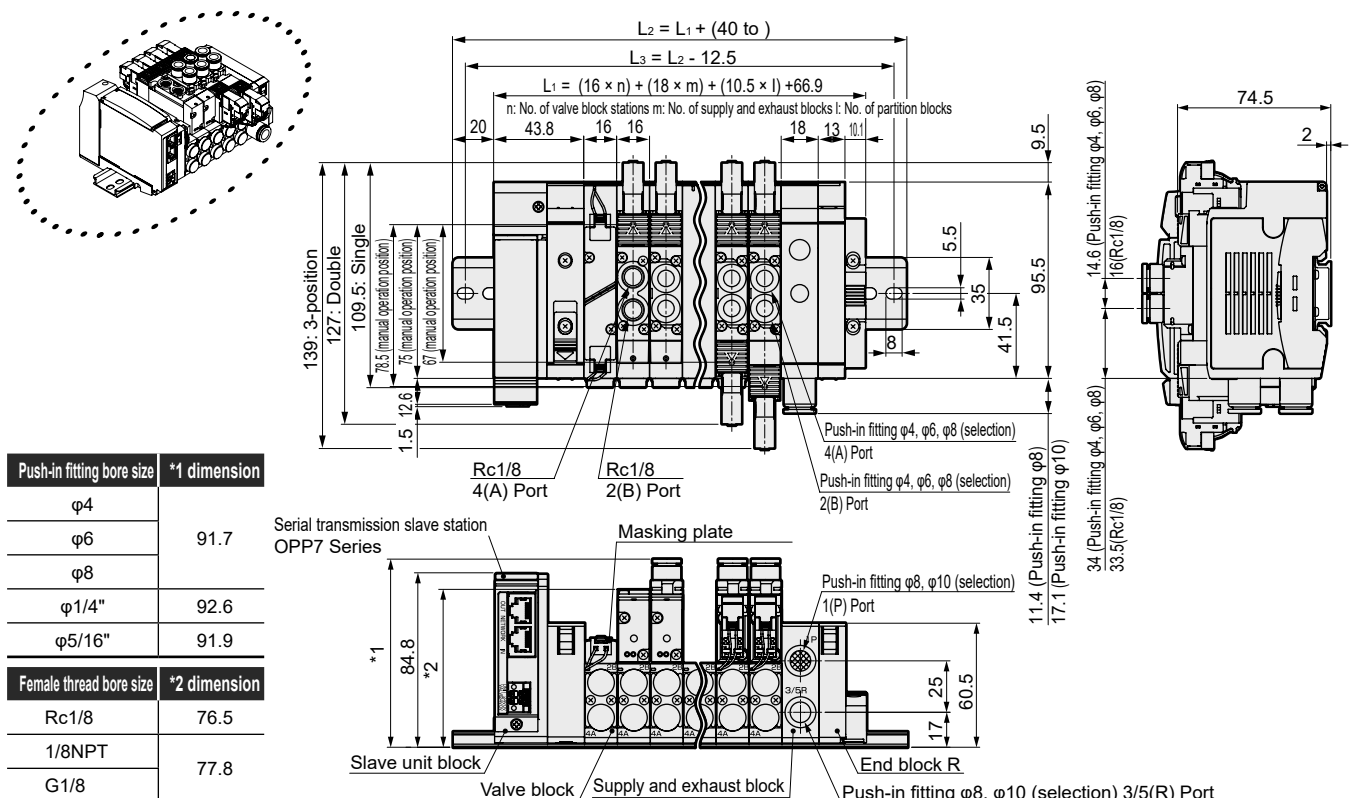
- Thin serial transmission (T8□)

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□)



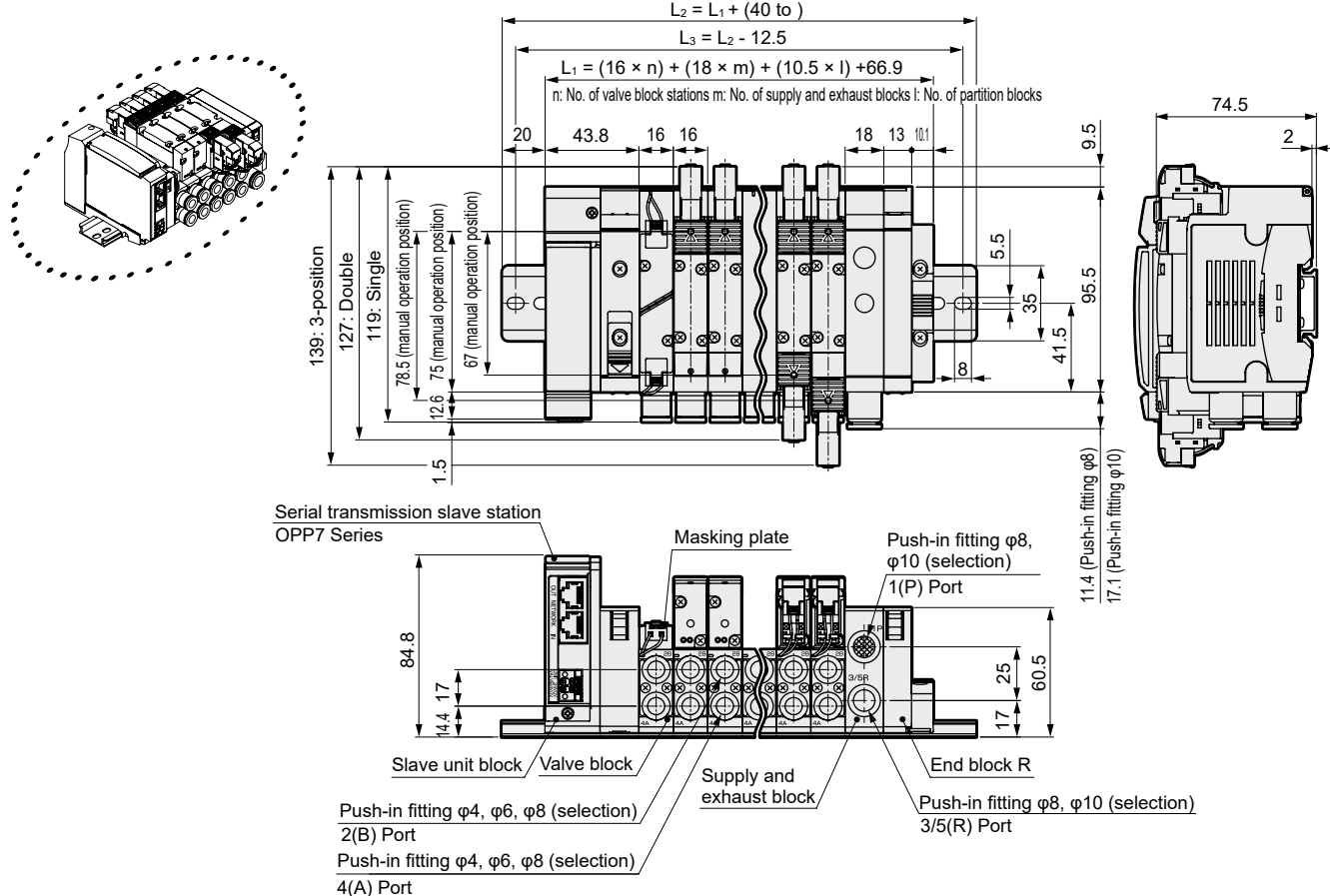
Dimensions

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

- Thin serial transmission (T8□)



- Thin serial transmission (T8□)



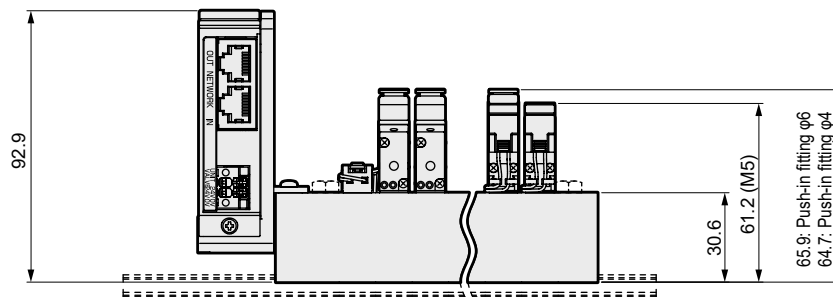
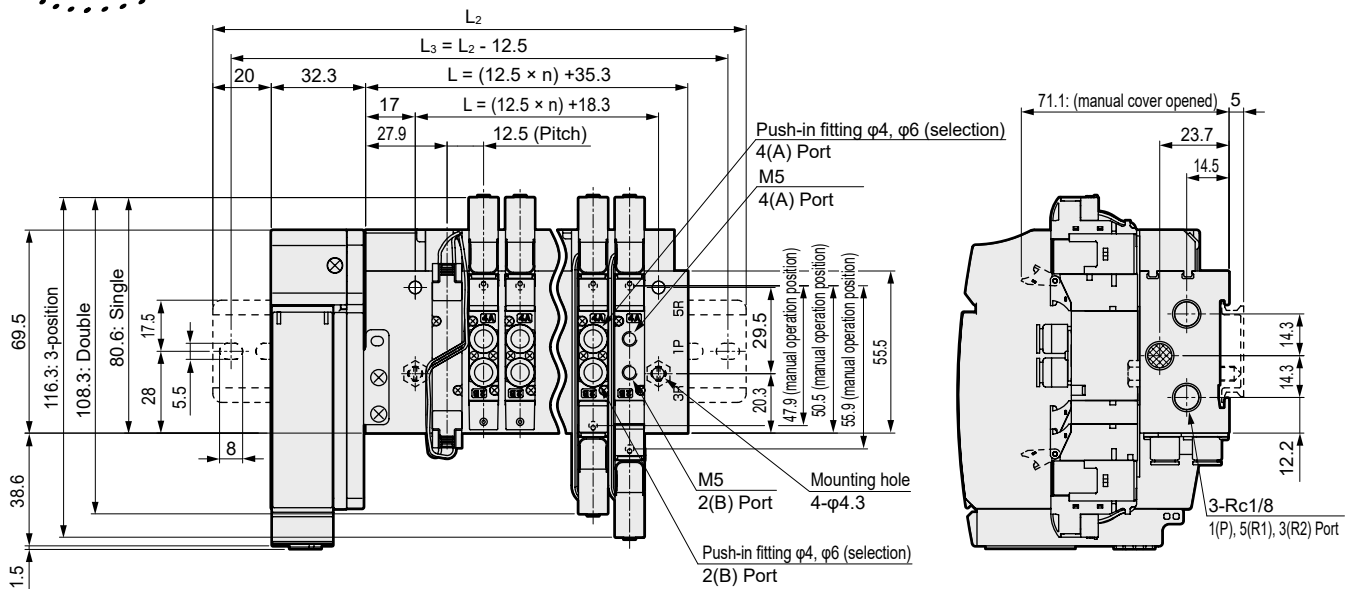
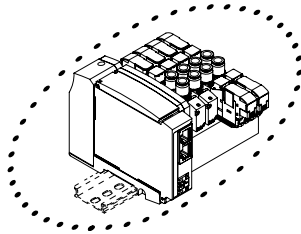
Reduced wiring manifold; body piping; serial transmission

Dimensions

M4GD1

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

* For 2-position single 3-port valve, 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

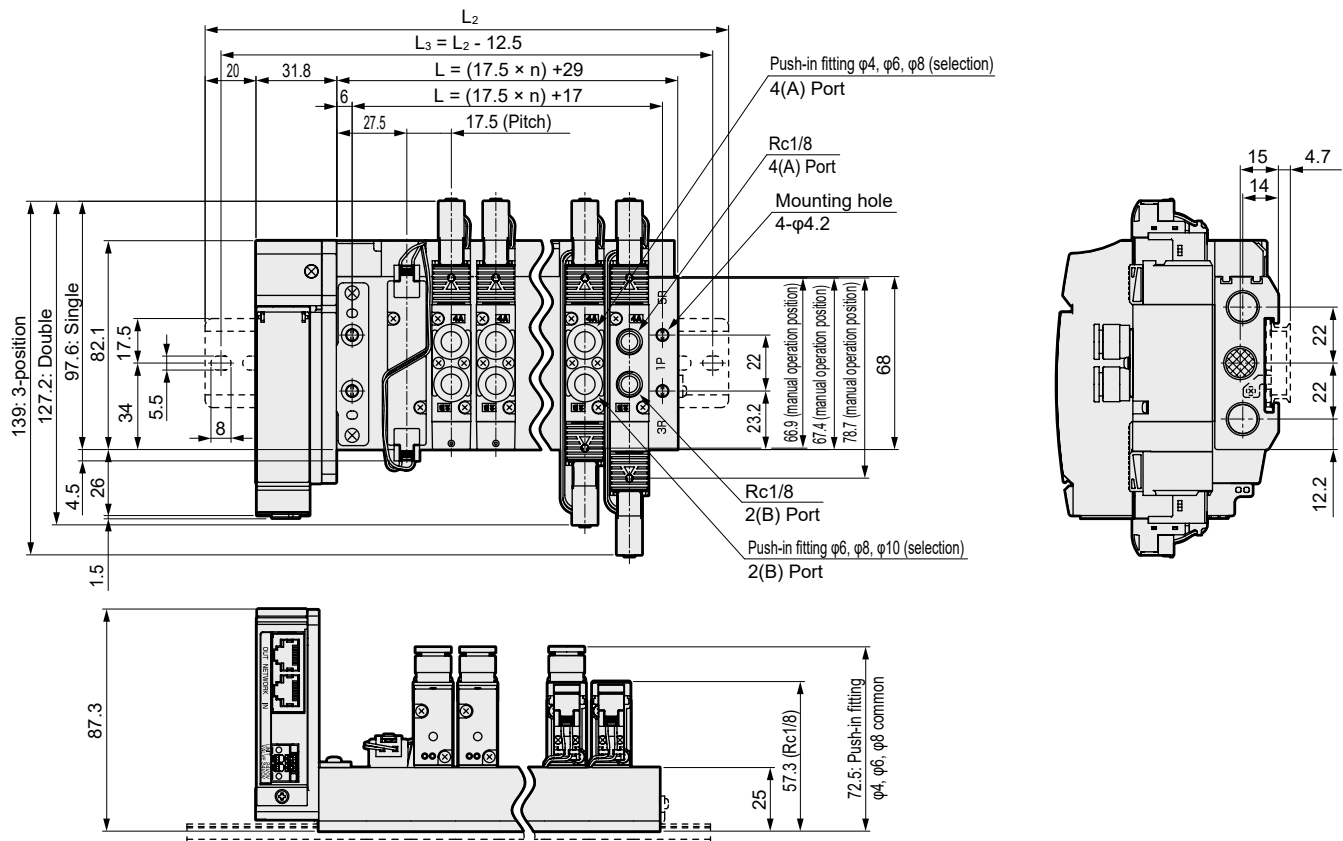
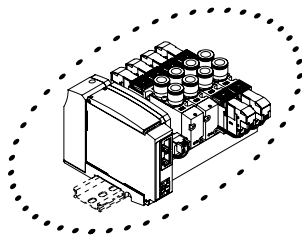
Reduced wiring manifold; body piping; serial transmission

Dimensions

M4GD2

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

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



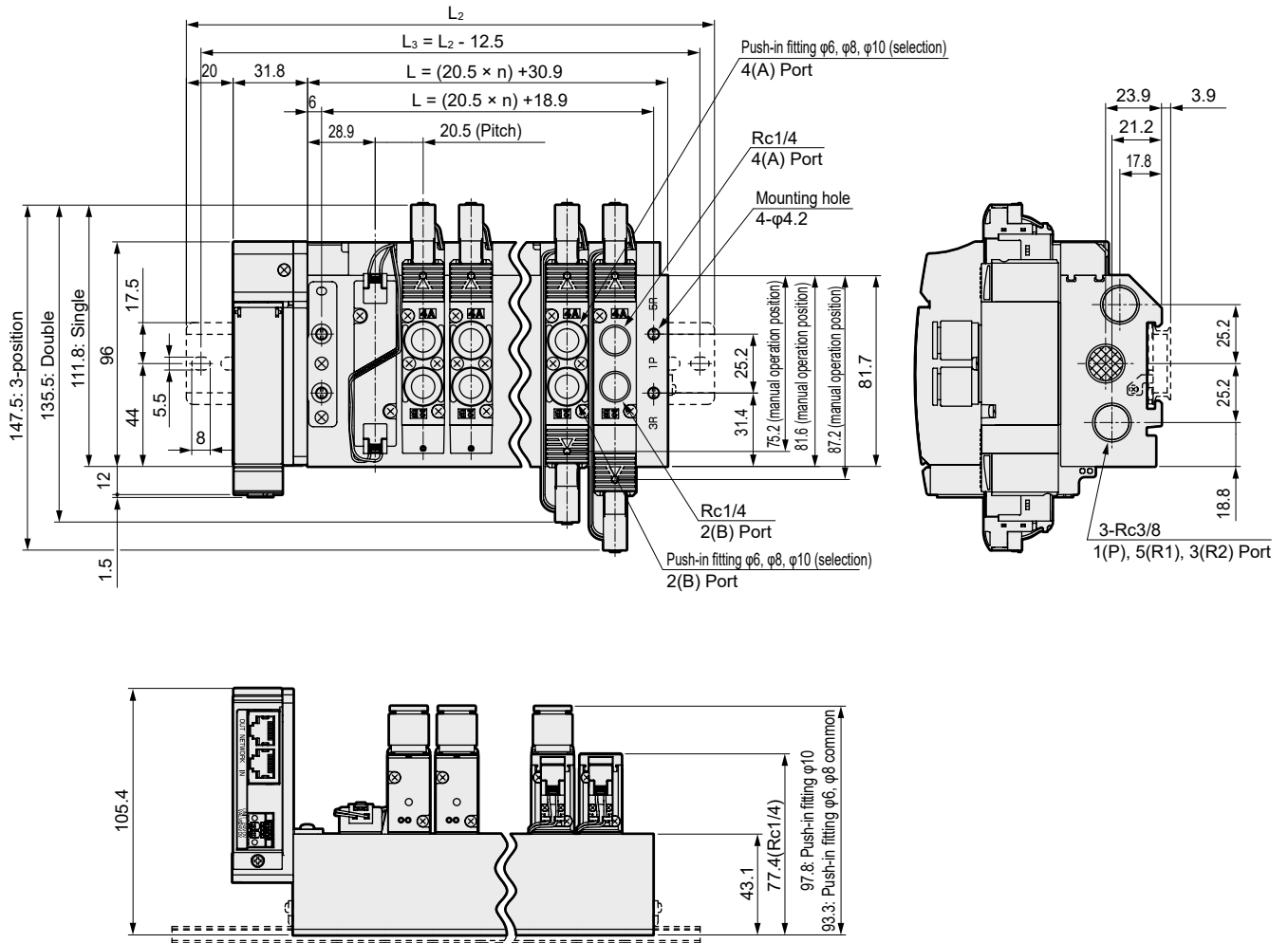
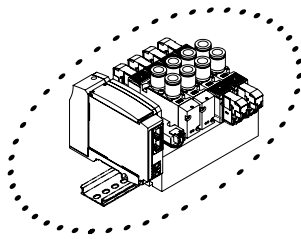
Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	64.0	81.5	99.0	116.5	134.0	151.5	169.0	186.5	204.0	221.5	239.0	256.5	274.0	291.5	309.0	326.5	344.0	361.5	379.0
L ₁	52.0	69.5	87.0	104.5	122.0	139.5	157.0	174.5	192.0	209.5	227.0	244.5	262.0	279.5	297.0	314.5	332.0	349.5	367.0
L ₂	137.5	162.5	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 2-position single 3-port valve, 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

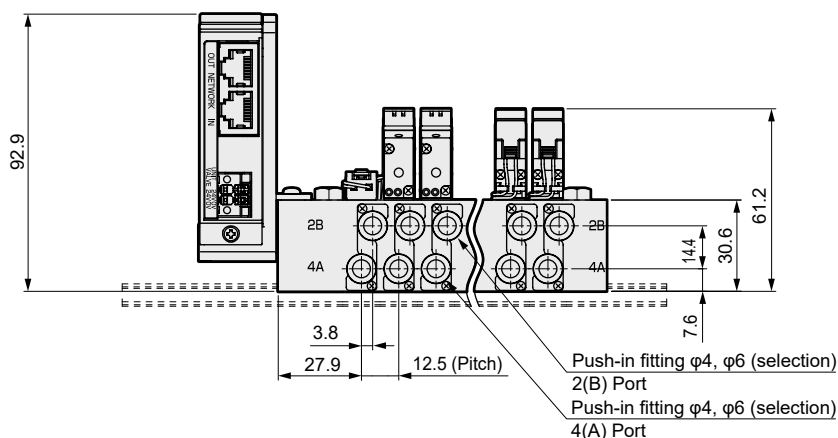
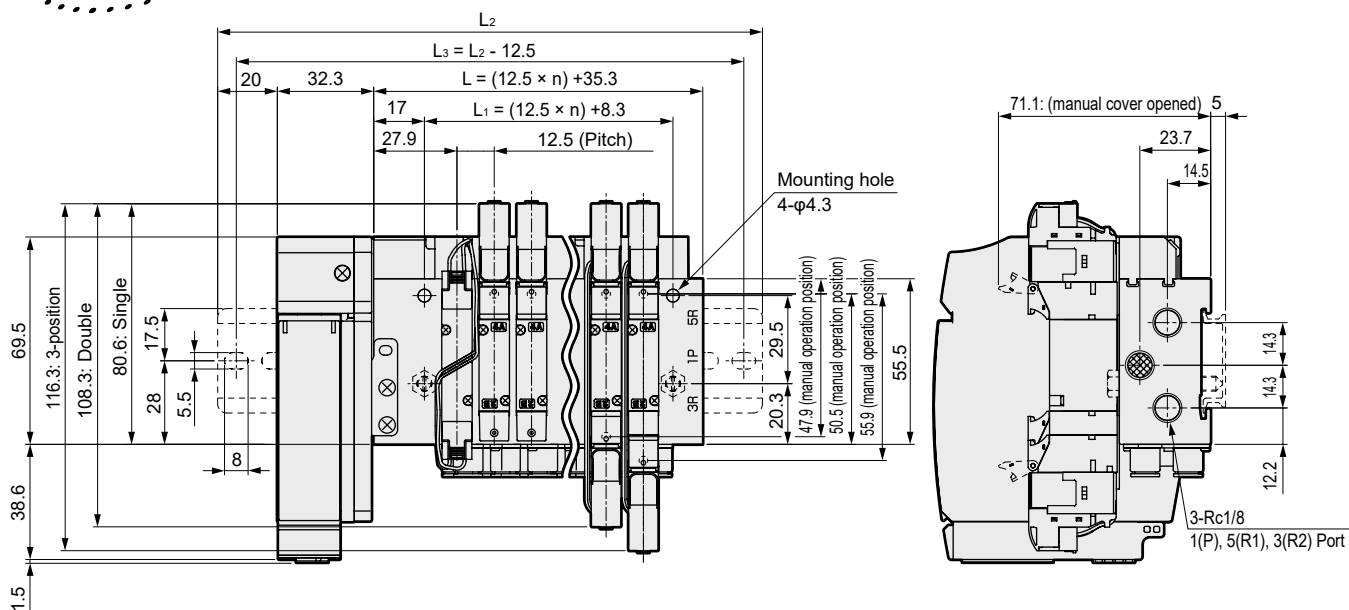
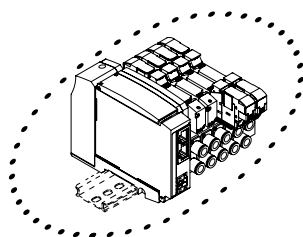
Reduced wiring manifold; base piping; serial transmission

Dimensions

M4GE1

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

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



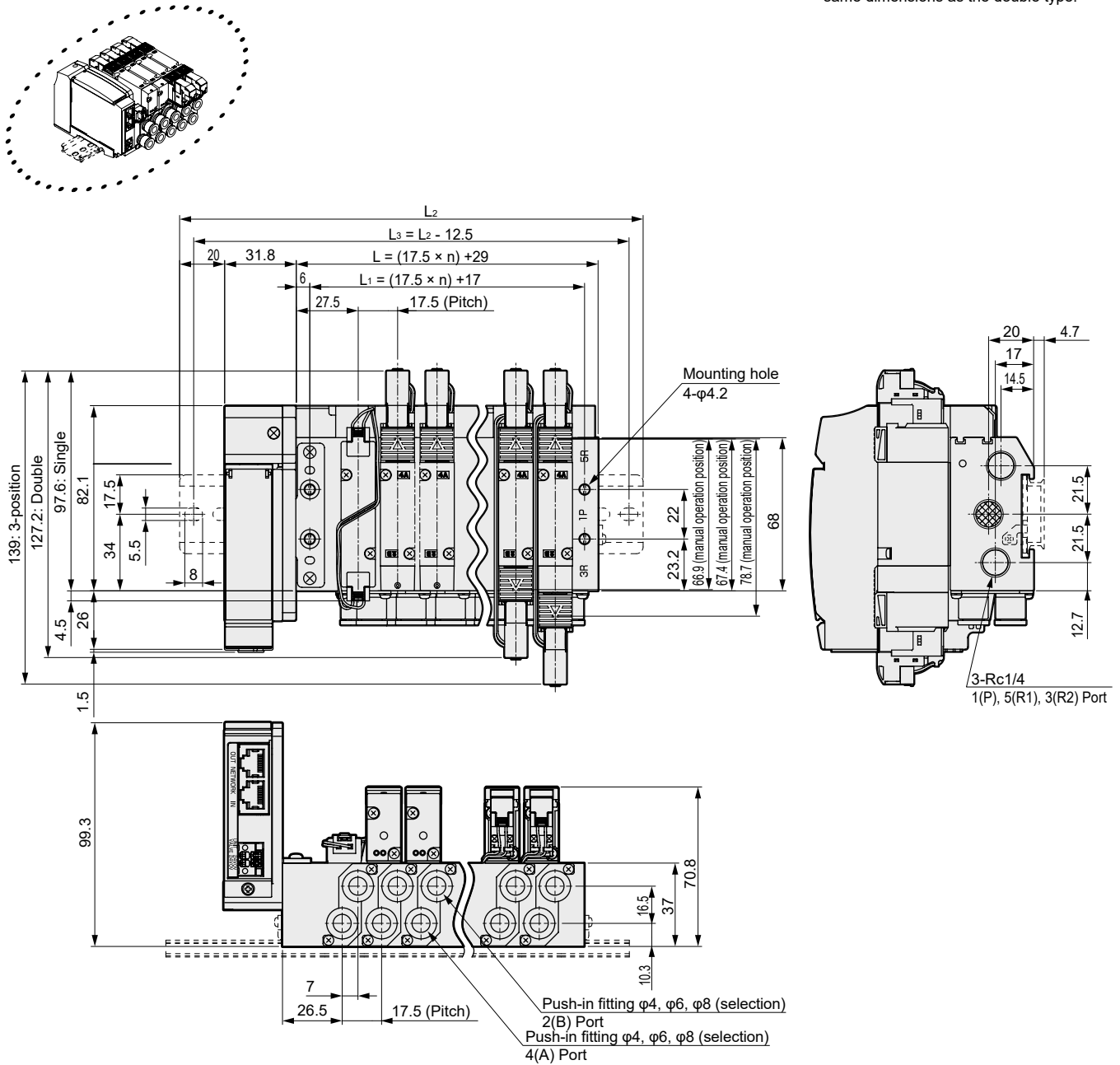
Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3	197.8	210.3	222.8	235.3	247.8	260.3	272.8	285.3
L ₁	33.3	45.8	58.3	70.8	83.3	95.8	108.3	120.8	133.3	145.8	158.3	170.8	183.3	195.8	208.3	220.8	233.3	245.8	258.3
L ₂	137.5	150.0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

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				

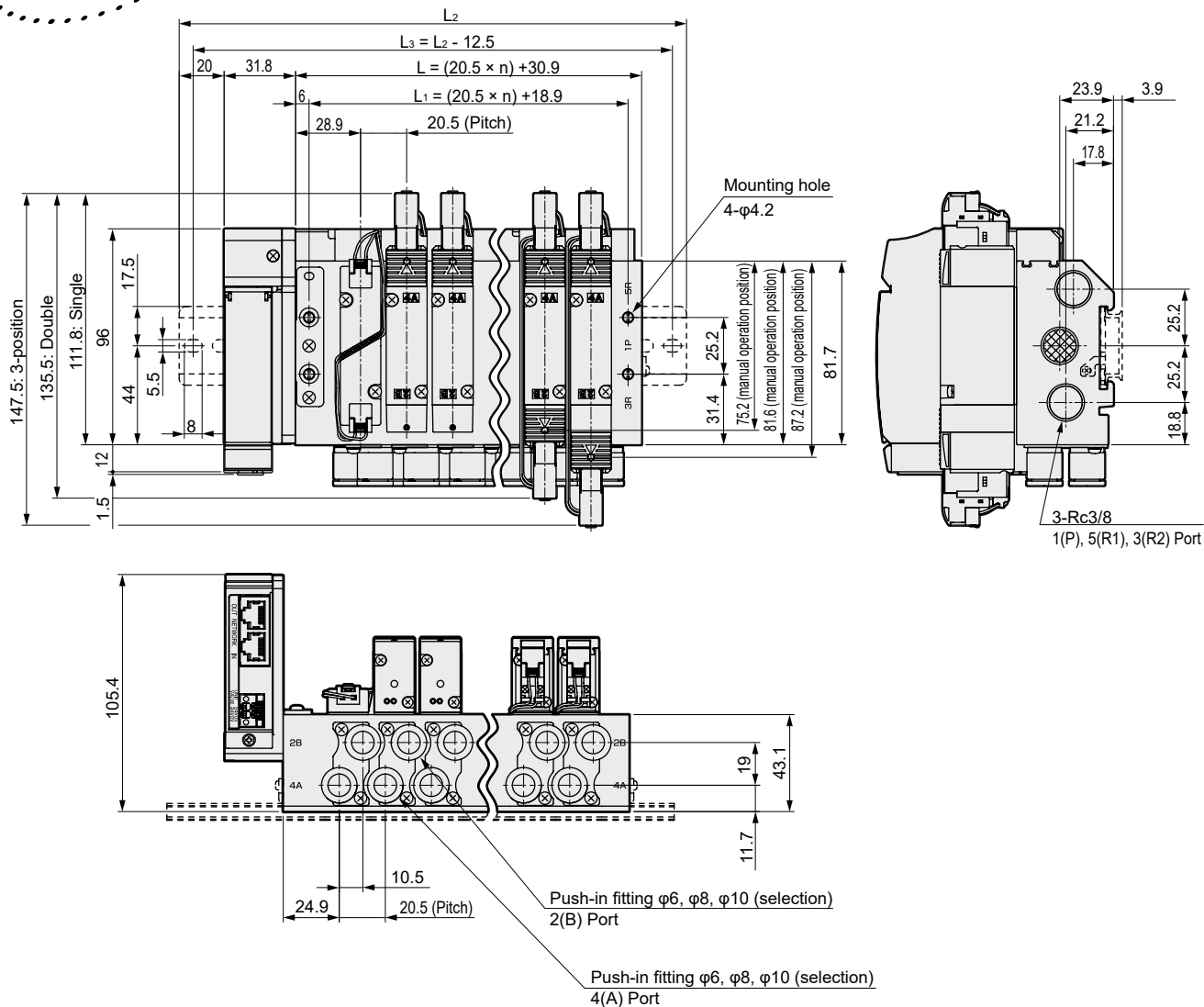
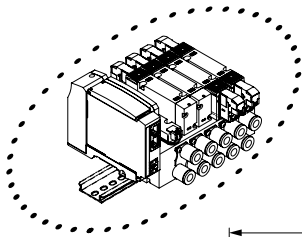
M4GE3-T8* Series

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

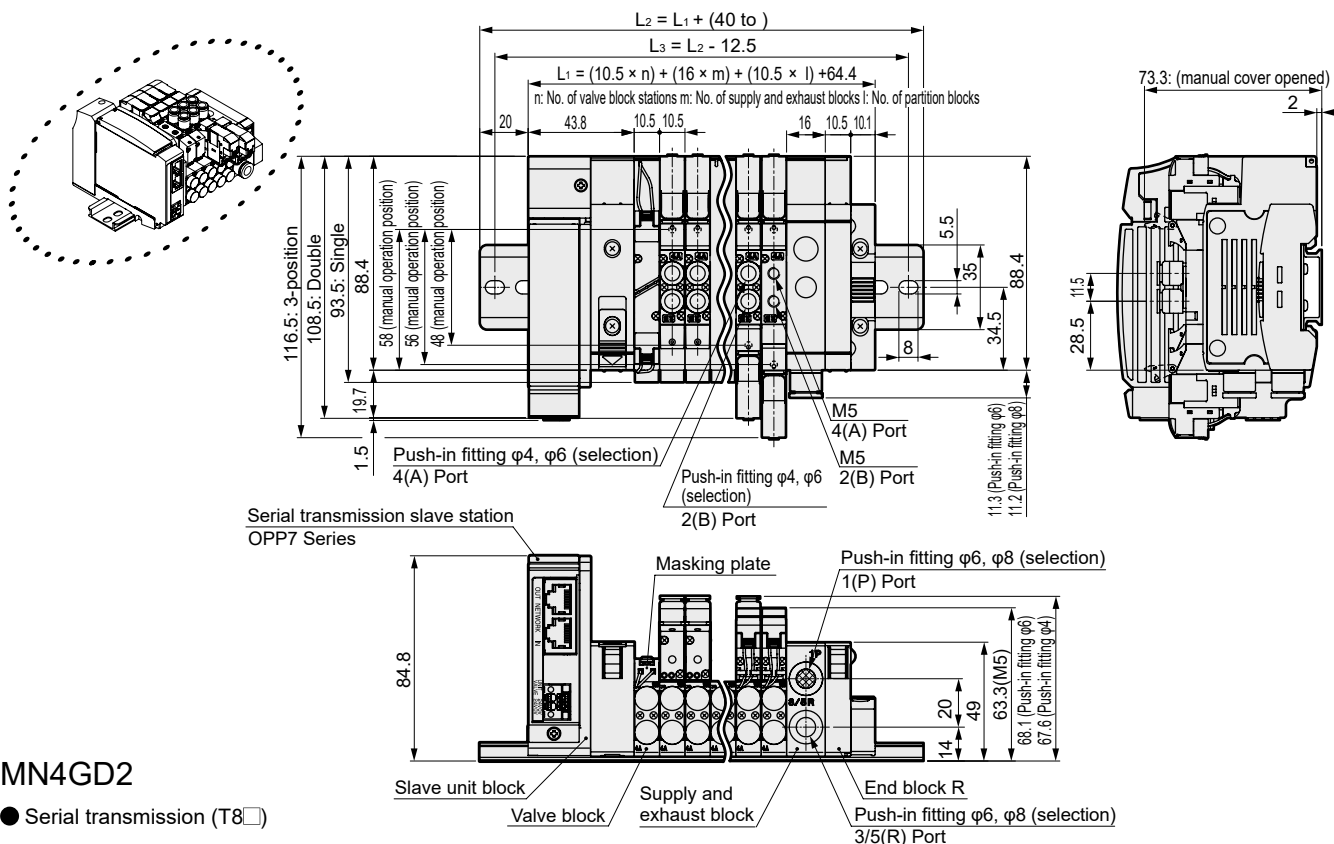
Reduced wiring block manifold; body piping

Dimensions

MN4GD1

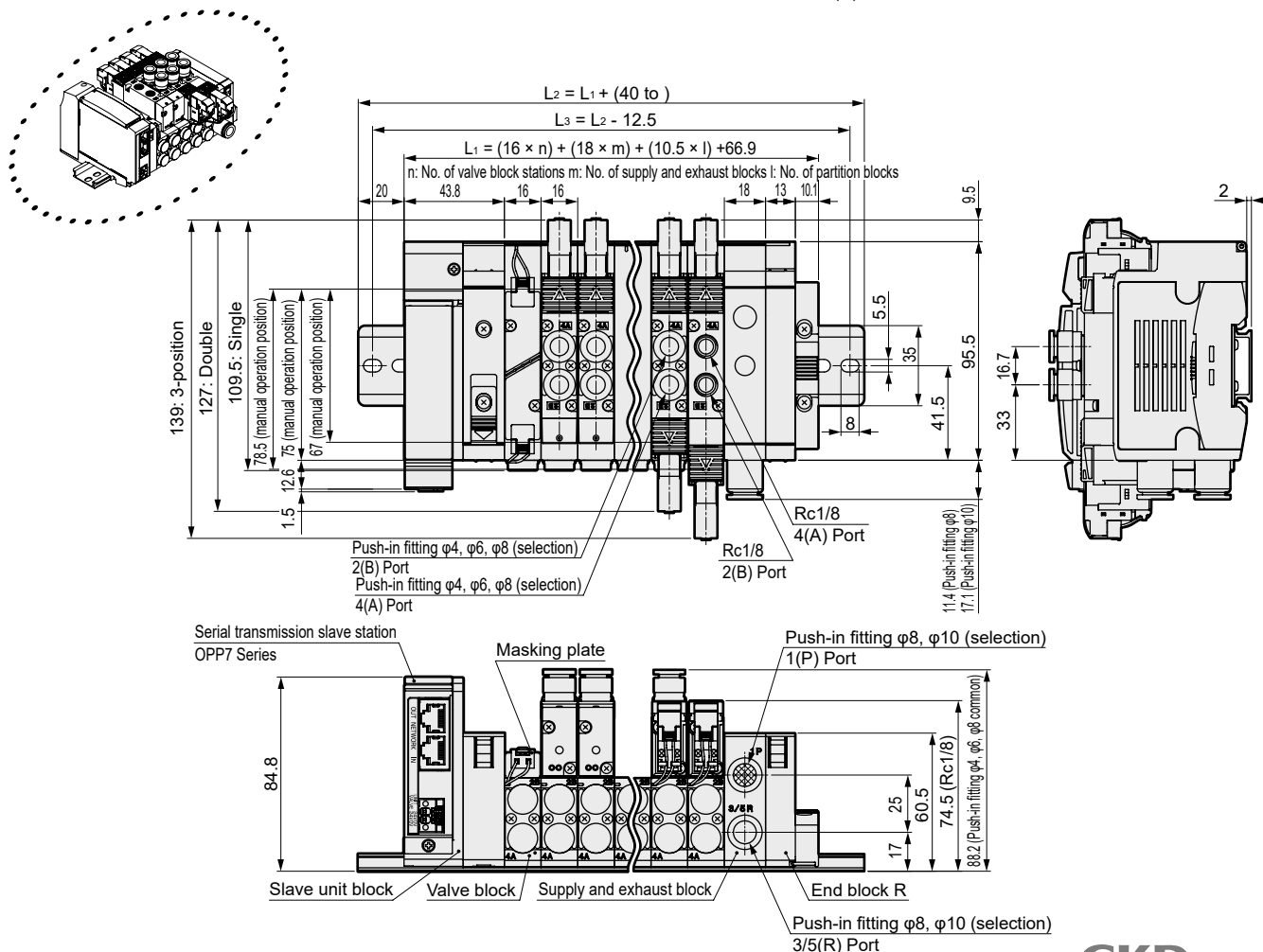
- Serial transmission (T8□)

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

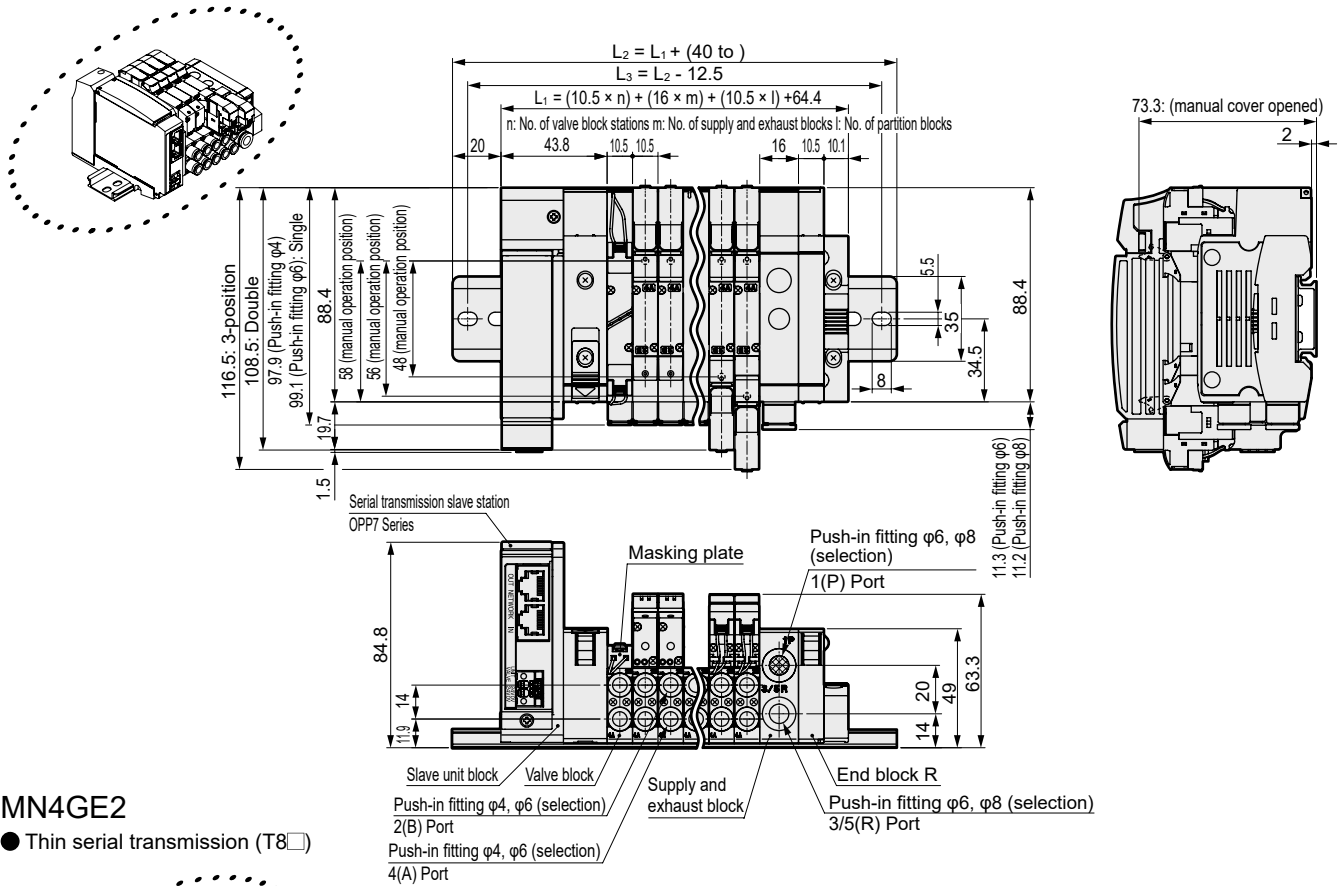
Dimensions



MN4GE1

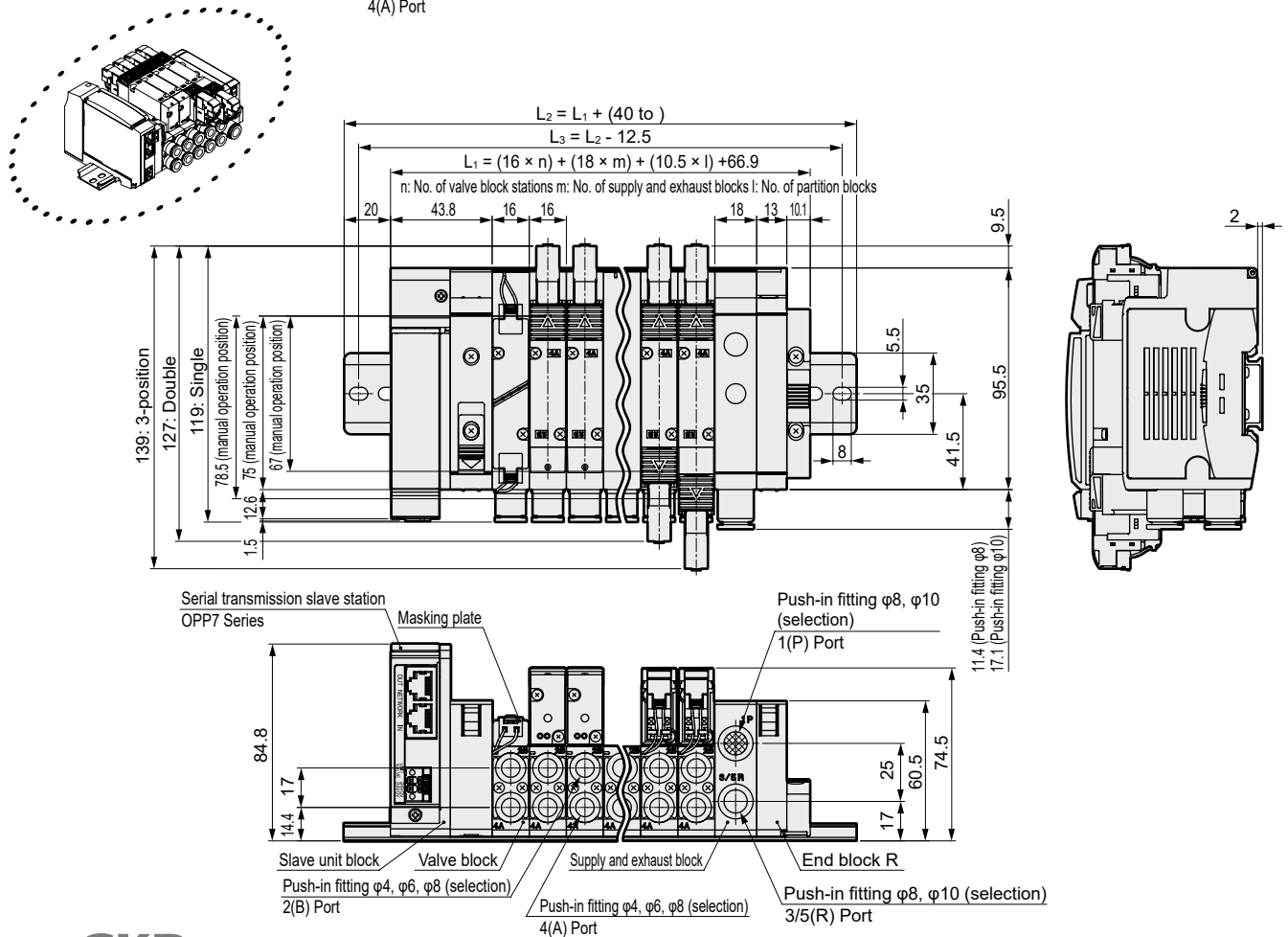
- Thin serial transmission (T8□)

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



MN4GE2

- Thin serial transmission (T8□)



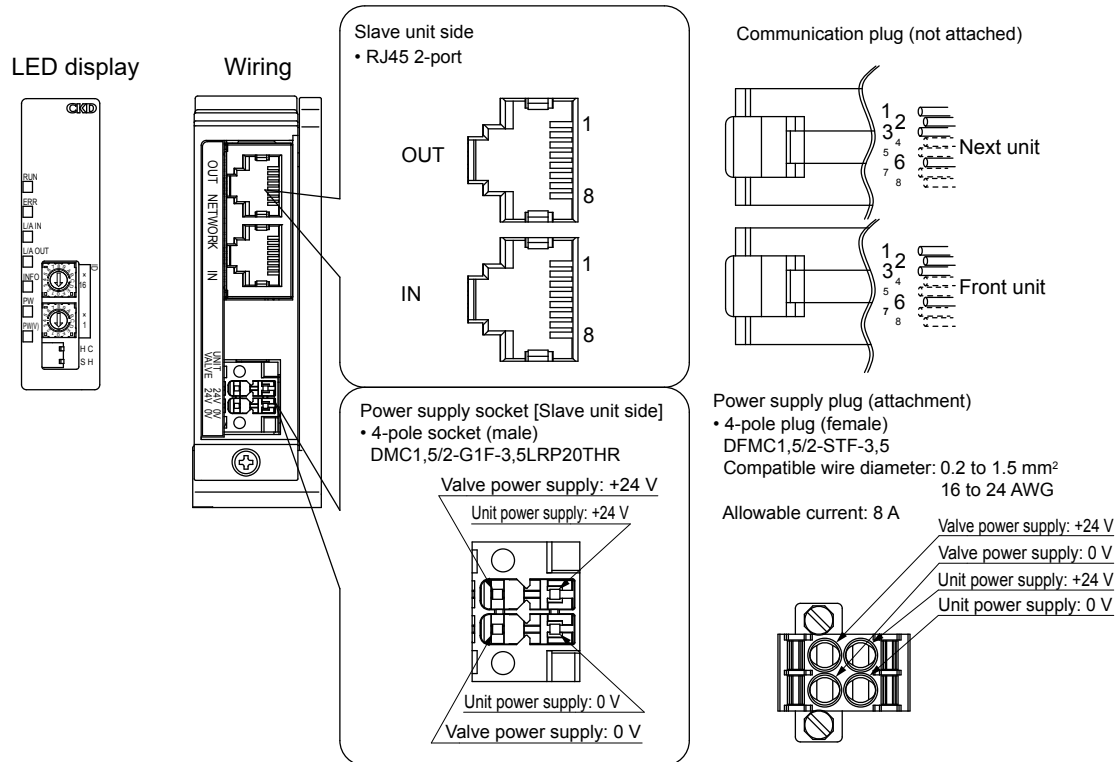
Technical data

Slave unit wiring

Wiring to the power supply socket

Connectors for the power supply are attached with the product. However, connectors fitting the slave unit side connectors listed below can be used.

DMC 1,5/2-G1F-3,5-LRP20THRR44 4-pole connector Manufactured by PHOENIX CONTACT GmbH & Co. KG



LED display description

LED	Name	Display description
(1)	RUN	Connection status of CC-Link IEF Basic is indicated by the LED state (ON/blinking)
(2)	ERR	Abnormal connection status of CC-Link IEF Basic is indicated by the LED state (ON/blinking)
(3)	L/A IN	Status of the Ethernet port (IN side) is indicated by the LED state (ON/blinking)
(4)	L/A OUT	Status of the Ethernet port (OUT side) is indicated by the LED state (ON/blinking)
(5)	INFO	Status of the slave unit is indicated by the LED state (ON/blinking)
(6)	PW	Indicates the power status of the unit power supply. Lights green when powered ON.
(7)	PW(V)	Indicates the power status of the valve power supply. Lights green when powered ON. (Cannot be monitored when the unit power is not turned ON)

Communication plug pin array

Port	Pin	Signal name	Function
IN/OUT	1	TD+	Transmitted data, positive
	2	TD-	Transmitted data, negative
	3	RD+	Received data, positive
	4	Vacant	Vacant
	5	Vacant	Vacant
	6	RD-	Received data, negative
	7	Vacant	Vacant
	8	Vacant	Vacant

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 <sup>A
B
D
E</sup> 0R- <sup>A
B
D
E</sup> - <sup>A
B
D
E</sup> - <sup>A
B
D
E</sup> - <sup>A
B
D
E</sup> - <sup>A
B
D
E</sup> 3

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

Solenoid valve model No.			Fitting CX		Valve installation position																	Qty.		
			A	B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		18	19
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	L ₂ = * Write an integer multiple of 12.5.	Attached part	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: Supports only M4GA, B *3: Supports only M4GB3

● 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																			
T8EB*				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
T8EB1	CC-Link	NPN	16 points	1																			
T8EB2	IEF Basic		32 points	2																			
T8EBP1		PNP	16 points	3																			
T8EBP2			32 points	4																			
				5																			
				6																			
				7																			
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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 types Solenoid position Port size Serial transmission Terminal/connector pin array Option Mount type Station No. Voltage

Solenoid valve model No.			Fitting CX		Valve installation position																Qty.				
			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 =	Attached part	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.																									

* Supports only M4GB

● 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																				
T8EB*				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
T8EB1	CC-Link IEF Basic	NPN	16 points	1																				
T8EB2			32 points	2																				
T8EBP1		PNP	16 points	3																				
T8EBP2			32 points	4																				
				5																				
				6																				
				7																				
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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 <sup>A
B
D
E</sup> 0R- <sup>A
B
D
E</sup> - <sup>A
B
D
E</sup> <sup>A
B
D
E</sup> <sup>A
B
D
E</sup> <sup>A
B
D
E</sup> <sup>A
B
D
E</sup> - <sup>A
B
D
E</sup> - <sup>A
B
D
E</sup> 3

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

Solenoid valve model No.			Fitting CX		Valve installation position																Qty.
			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 =	Attached part	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/double wiring. Complete these specifications when specifying the wiring order and additional cables)

Connector pin No.				Installation position															
T8EB*				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
T8EB1	CC-Link	NPN	16 points	1															
T8EB2	IEF Basic		32 points	2															
T8EBP1		PNP	16 points	3															
T8EBP2			32 points	4															
				5															
				6															
				7															
				8															
				9															
				10															
				11															
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				32															

MN4G1 Block manifold specifications sheet

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

Slip No.	Order No.
----------	-----------

● Manifold model No.

MN ^A ^B ^D ^E 1 ^A 0R- ^B - ^C ^D ^E - ^F ^G ^H 3

Company

Contact

Order No.

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

Select a model No. from the block components listed in "Pneumatic valves" (No. CB-023SA) when inputting.

Part name	Model No.	Layout position																														Qty.
		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-T8EB																															
With solenoid valve Valve block	N4GB1	0R-																														
	N4GB1	0R-																														
	N4GB1	0R-																														
	N4GB1	0R-																														
	N4GB1	0R-																														
	N4GB1	0R-																														
	N3GB1	0R-																														
	N3GB1	0R-																														
With masking plate Valve block	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 =		Blanking plug														Silencer						Tag plate (attached)				Attached part					
	* Write an integer multiple of 12.5.	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)																

* Supports only MN4GA, B

MN4G2 Block manifold specifications sheet

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

Slip No. Order No. Company Contact Order No.

● Manifold model No.

MN ^AG ^B ^D2 ^E0R- - - - 3

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

Select a model No. from the block components listed in "Pneumatic valves" (No. CB-023SA) when inputting.

Part name	Model No.	Layout position																														Qty.
		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-T8EB																															
With solenoid valve Valve block	N4GB2	0R-																														
	N4GB2	0R-																														
	N4GB2	0R-																														
	N4GB2	0R-																														
	N4GB2	0R-																														
	N4GB2	0R-																														
	N3GB2	0R-																														
	N3GB2	0R-																														
With masking plate Valve block	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 (attached)					Attached part					
		GWP4-B										GWP8-B					SLW-H8					B										
		GWP6-B										GWP10-B					SLW-H10															

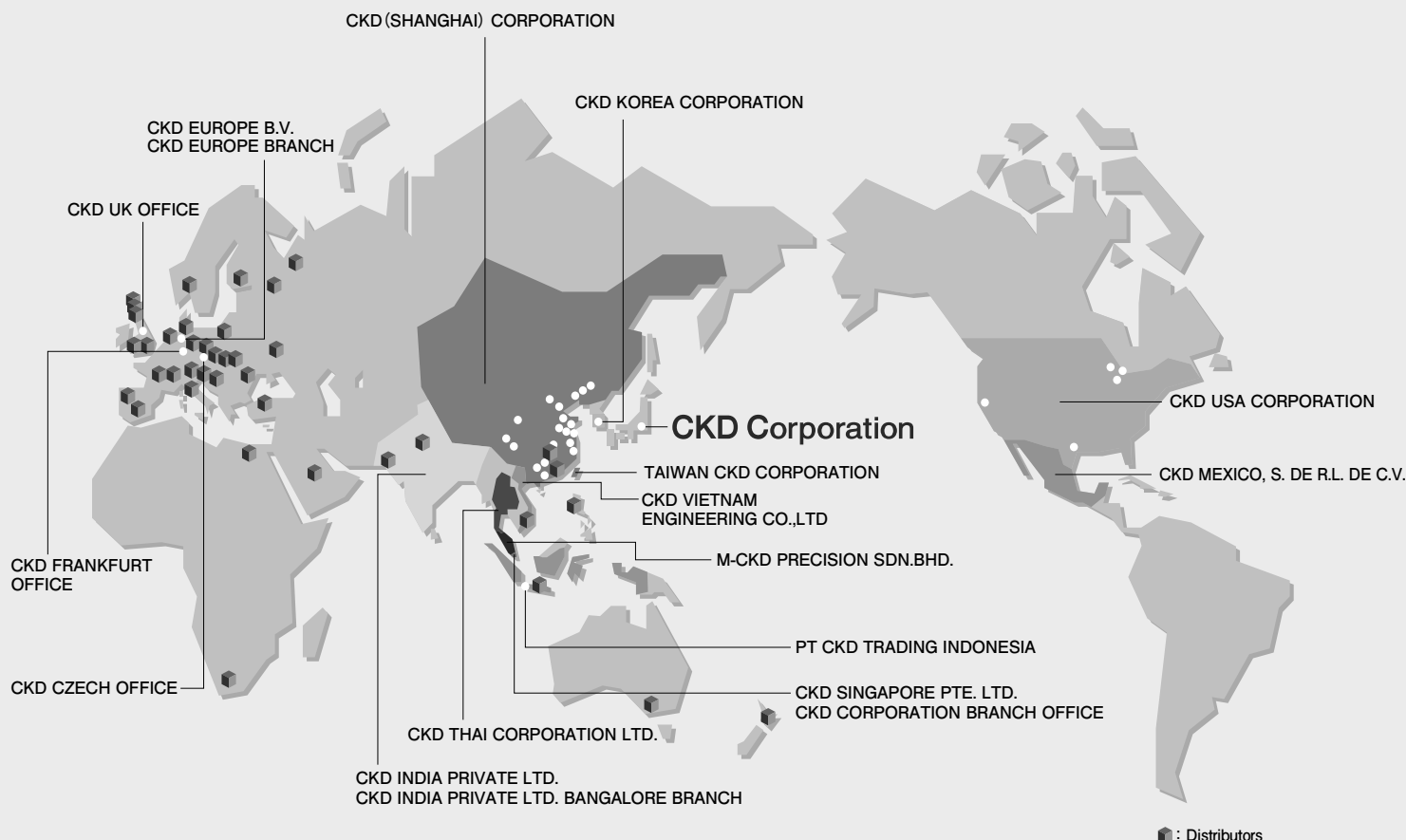
*1: Supports only MN4GA, B *2: Supports only MN4GB

Serial transmission (T8EB*) wiring specifications sheet

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

* Not required with standard wiring/double wiring.

Serial transmission				Connector pin No.	Valve No.																							
				T8*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
T8EB1	CC-Link	NPN	16 points	1																								
T8EB2			32 points	2																								
T8EBP1	IEF Basic	PNP	16 points	3																								
T8EBP2			32 points	4																								
				5																								
				6																								
				7																								
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				32																								



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