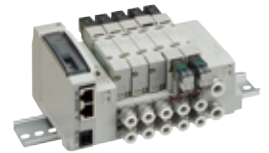


PROFINET Compatible Serial Transmission Slave Unit M4G/MN4G-T8 Series



PROFINET slave unit added to series!

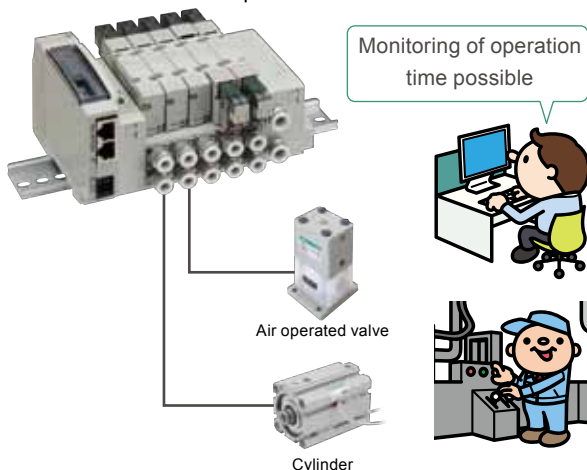


- Select from 32 or 16-point output, and PNP or NPN.

Ideal for predictive maintenance

Counter function

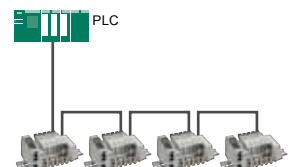
You can count the number of outputs from the PLC to the valve, and monitor the operation cycle of the device connected to the valve and secondary side. It anticipates the maintenance period from the operation cycle and nominal lifespan, and makes preventative maintenance possible.



A variety of connection types

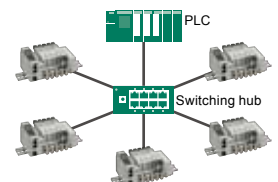
Wiring with short total length

[Line type]
A connection that links devices together in a row.



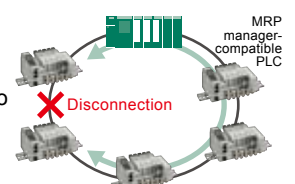
Wiring with a high flexibility

[Star type]
A radial connection centered around the switching hub.



Wiring with high reliability

[Ring type] (MRP)
A connection that links devices into a circle. If there is disconnection in one spot, communication in the reverse direction is possible.



* This device is compatible with MRP client function. When connecting in a ring, MRP manager function-compatible PLC is necessary.

M4G/MN4G-T8 Series

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

Descriptions		T8EP1	T8EP2	T8EPP1	T8EPP2
Communication system name		PROFINET			
Power supply voltage	Unit side	24 VDC ±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		NPN output		PNP output	
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		T8EP *1: 16 points T8EP *2: 32 points					

● Block manifold

Descriptions		MN3G*1/MN4G*1		MN3G*2/MN4G*2	
		T8EP*1	T8EP*2	T8EP*1	T8EP*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

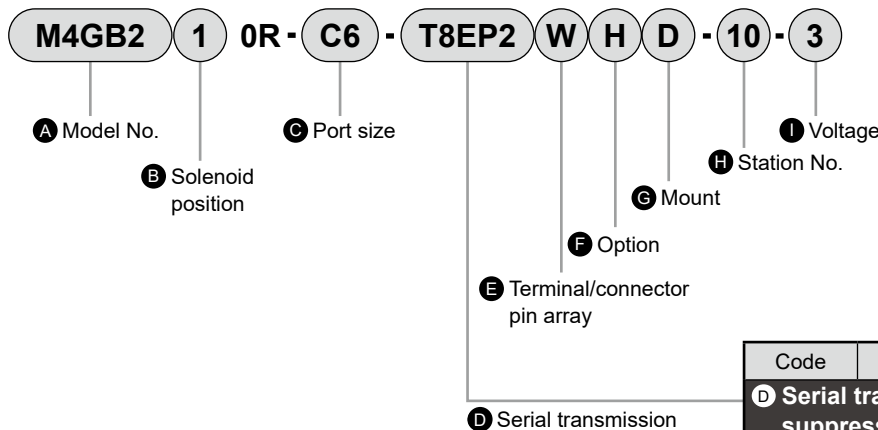
M3/4GA1, M3/4GB1, M3/4GD1, M3/4GE1
M3/4GA2, M3/4GB2, M3/4GD2, M3/4GE2
M3/4GA3, M4GB3, M3/4GD3, M4GE3

● 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 [Example]



*Regarding listed model Nos.

This catalog only lists model Nos. for serial transmission slave units that have just been added (T8EP*). Refer to "Pneumatic Valves" (Catalog No. CB-023SA) for details on the M4G Series, such as specifications and model No.

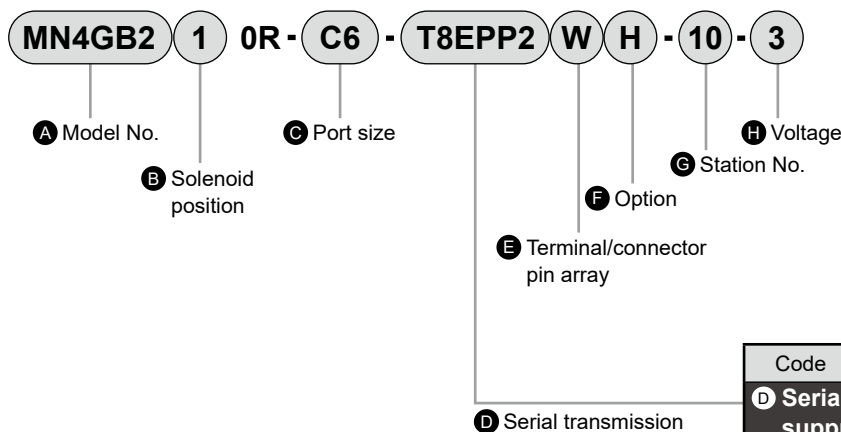
Code	Content
D Serial transmission slave unit (lamp/surge suppressor provided as standard)	
T8EP1	Thin PROFINET 16 point (NPN output)
T8EPP1	Thin PROFINET 16 point (PNP output)
T8EP2	Thin PROFINET 32 point (NPN output)
T8EPP2	Thin PROFINET 32 point (PNP output)

[Example of model No.]

M4GB210R-C6-T8EP2WHD-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 PROFINET 32 point (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 : 24VDC

● 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 (T8EP*). 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)	
T8EP1	Thin PROFINET 16 point (NPN output)
T8EPP1	Thin PROFINET 16 point (PNP output)
T8EP2	Thin PROFINET 32 point (NPN output)
T8EPP2	Thin PROFINET 32 point (PNP output)

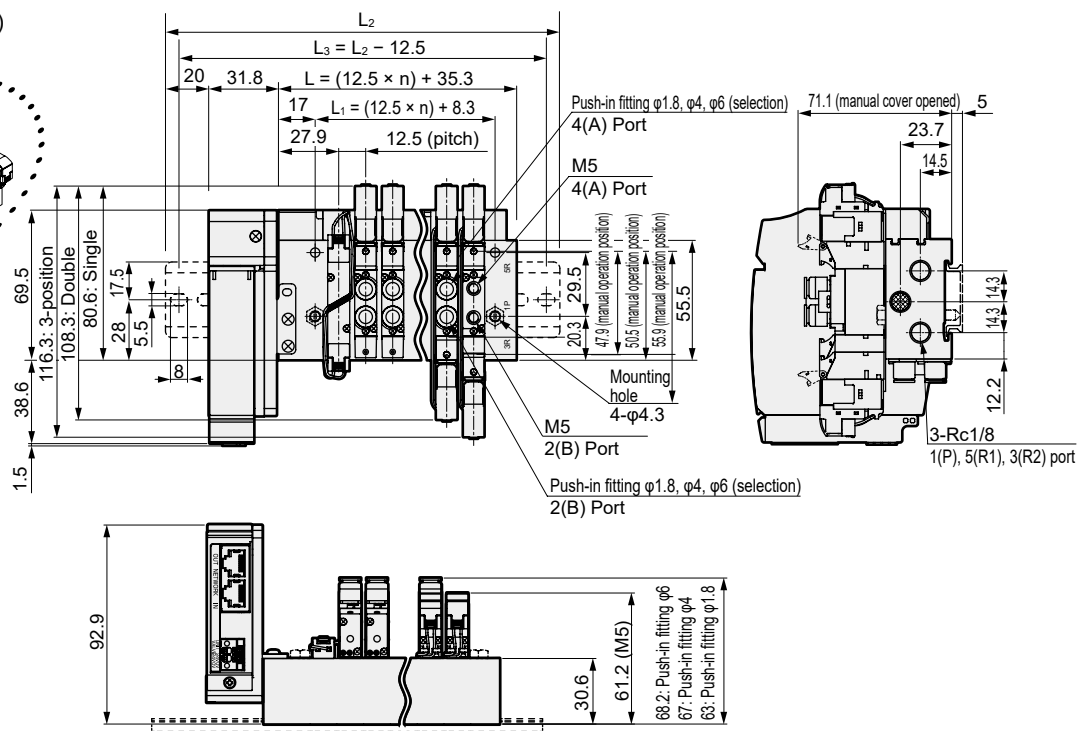
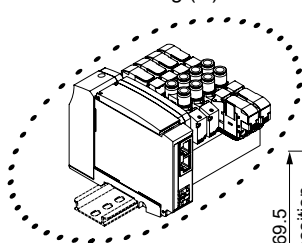
[Example of model No.]

MN4GB210R-C6-T8EPP2WH-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 PROFINET 32 point (PNP output)
- (E) Terminal/connector pin array : Double wiring
- (F) Option : With exhaust check valve
- (G) Station No. : 10 stations
- (H) Voltage : 24 VDC

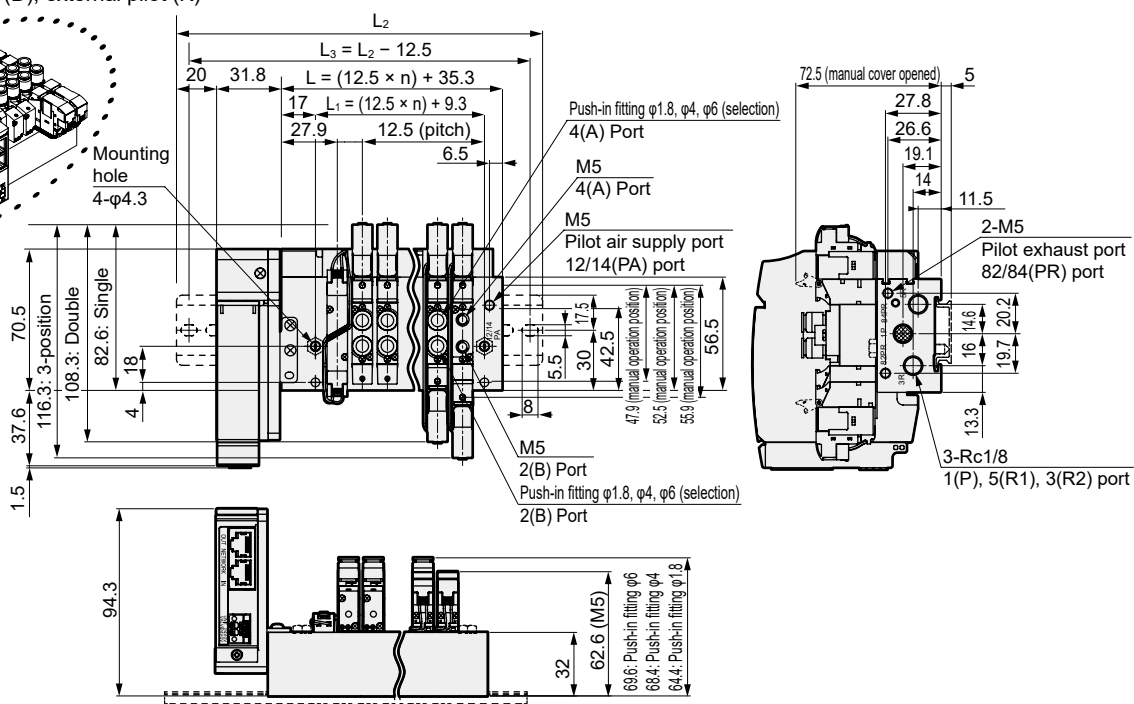
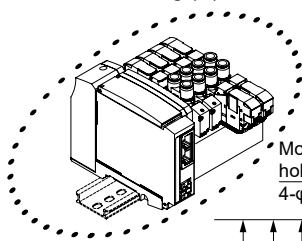
Dimensions

● 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)

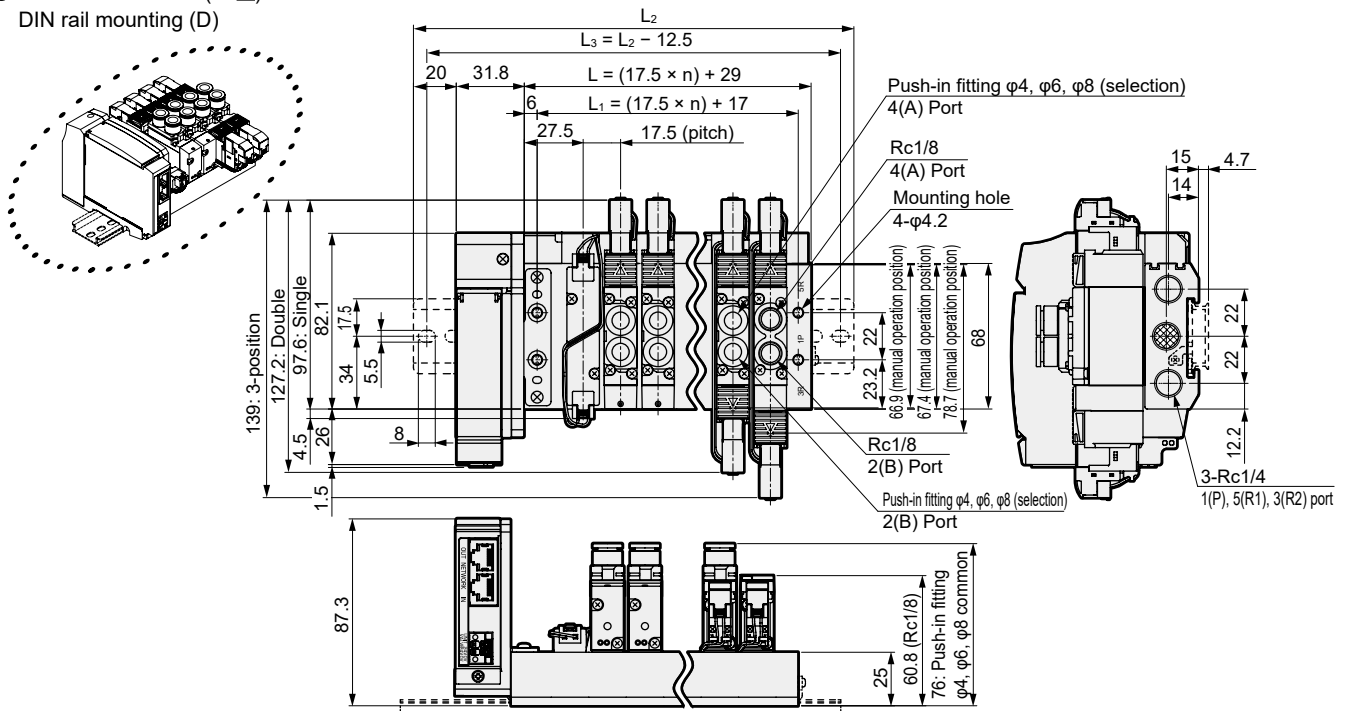


Station No.	2	3	4	5	6	7	8	9	10	11	12
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3
L ₁	34.3	46.8	59.3	71.8	84.3	96.8	109.3	121.8	134.3	146.8	159.3
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0

Dimensions

M4GA2

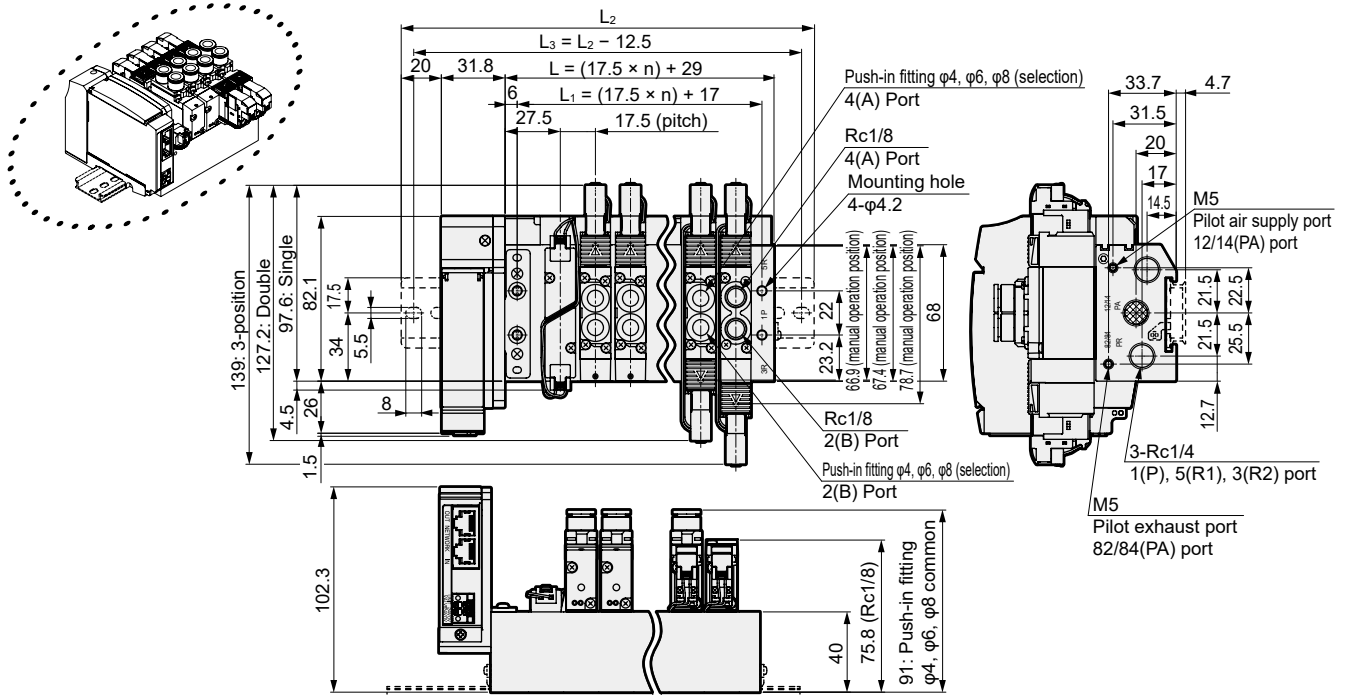
- Serial transmission (T8□)
- DIN rail mounting (D)



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)



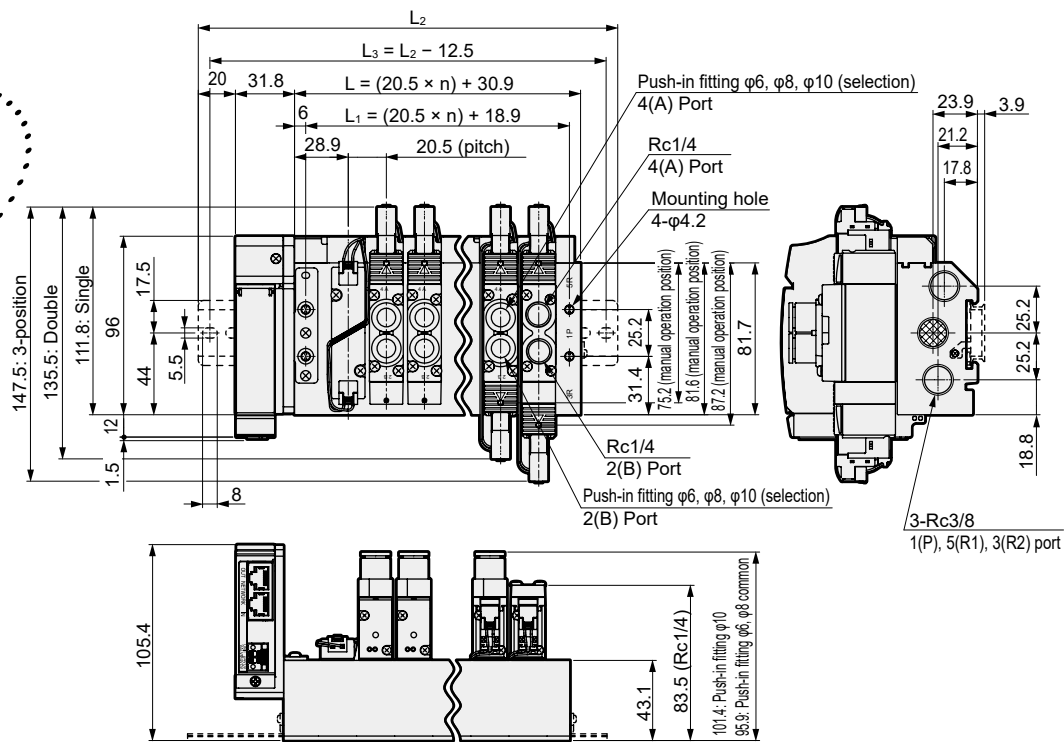
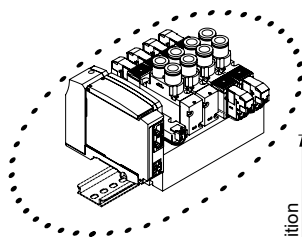
Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	64.0	81.5	99.0	116.5	134.0	151.5	169.0	186.5	204.0	221.5	239.0	256.5	274.0	291.5	309.0	326.5	344.0	361.5	379.0
L ₁	52.0	69.5	87.0	104.5	122.0	139.5	157.0	174.5	192.0	209.5	227.0	244.5	262.0	279.5	297.0	314.5	332.0	349.5	367.0
L ₂	137.5	162.5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

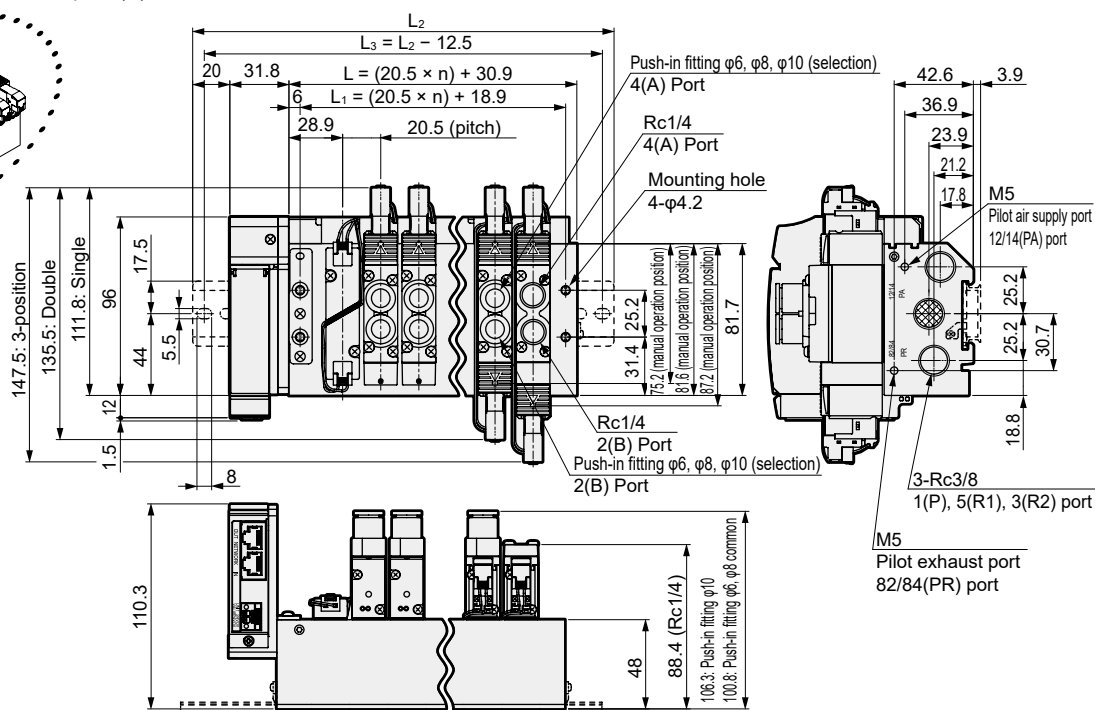
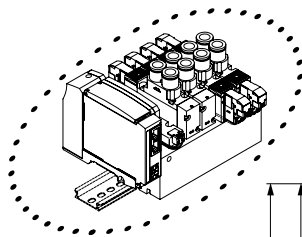
- Serial transmission (T8□)
DIN rail mounting (D)



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)

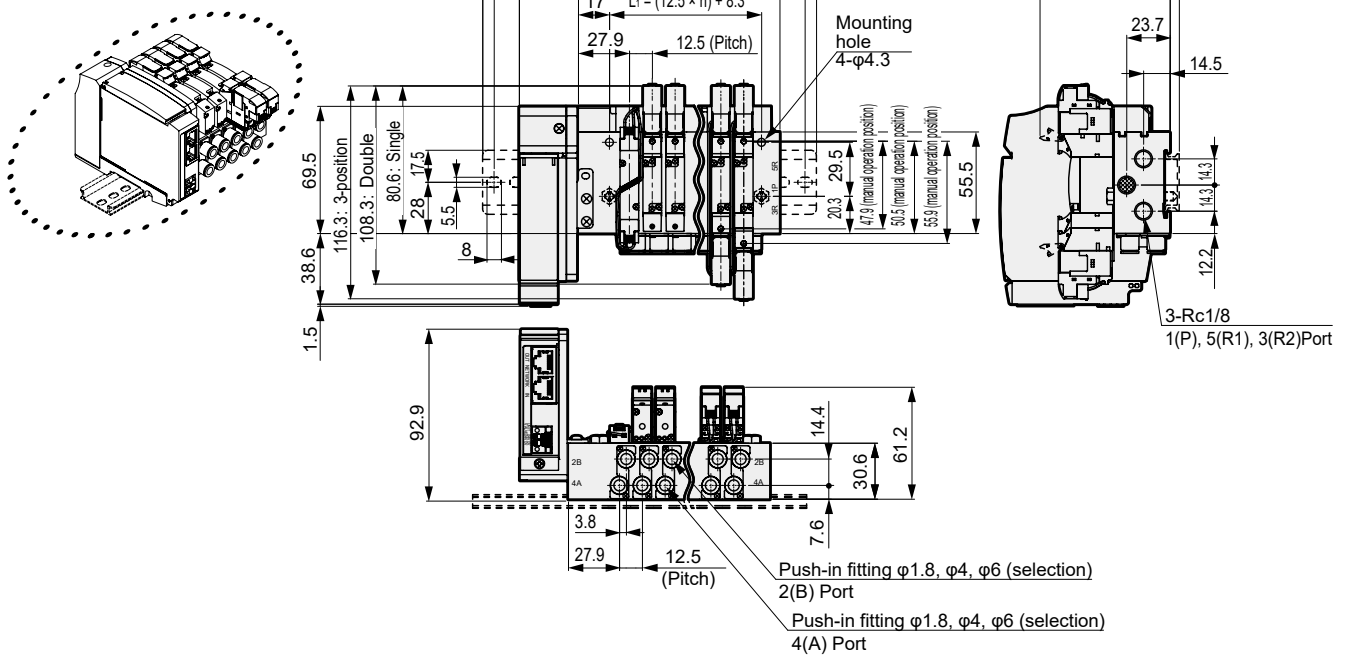


Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L	71.9	92.4	112.9	133.4	153.9	174.4	194.9	215.4	235.9	256.4	276.9	297.4	317.9	338.4	358.9
L ₁	59.9	80.4	100.9	121.4	141.9	162.4	182.9	203.4	223.9	244.4	264.9	285.4	305.9	326.4	346.9
L ₂	150.0	175.0	187.5	212.5	237.5	250.0	275.0	287.5	312.5	337.5	350.0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

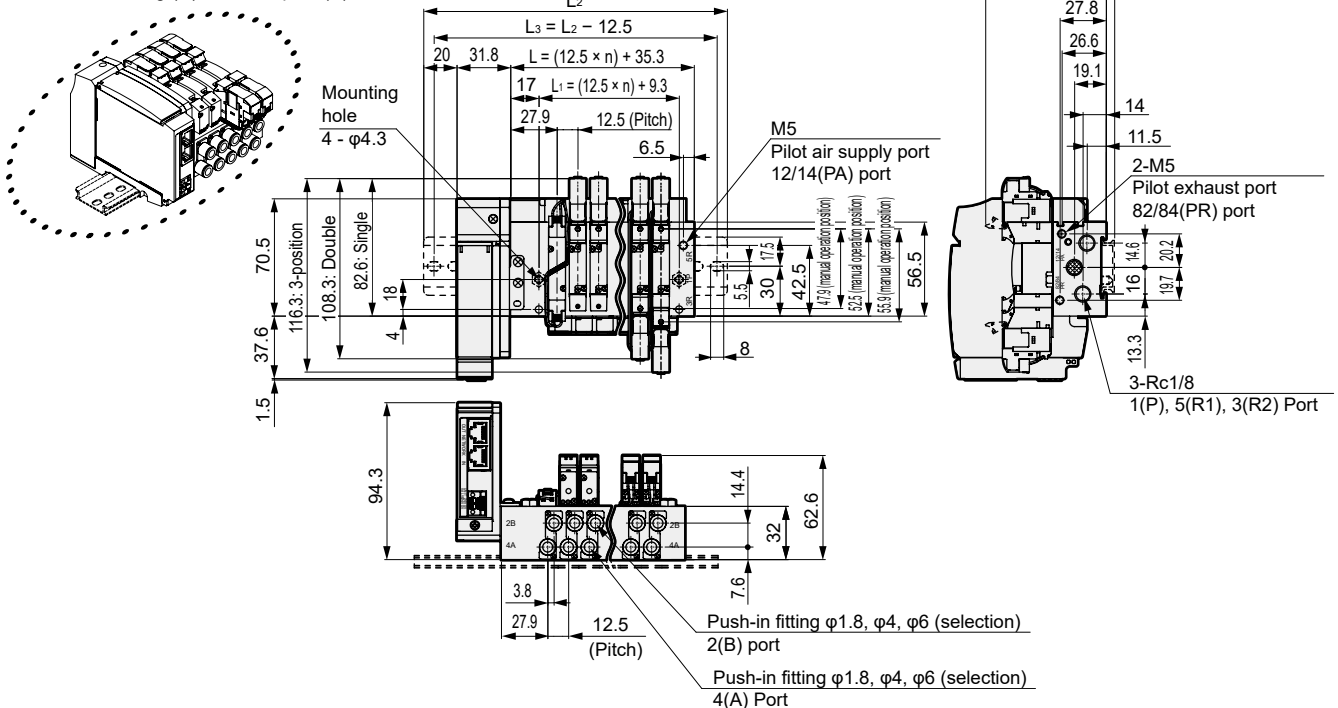
M4GB1

- 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				

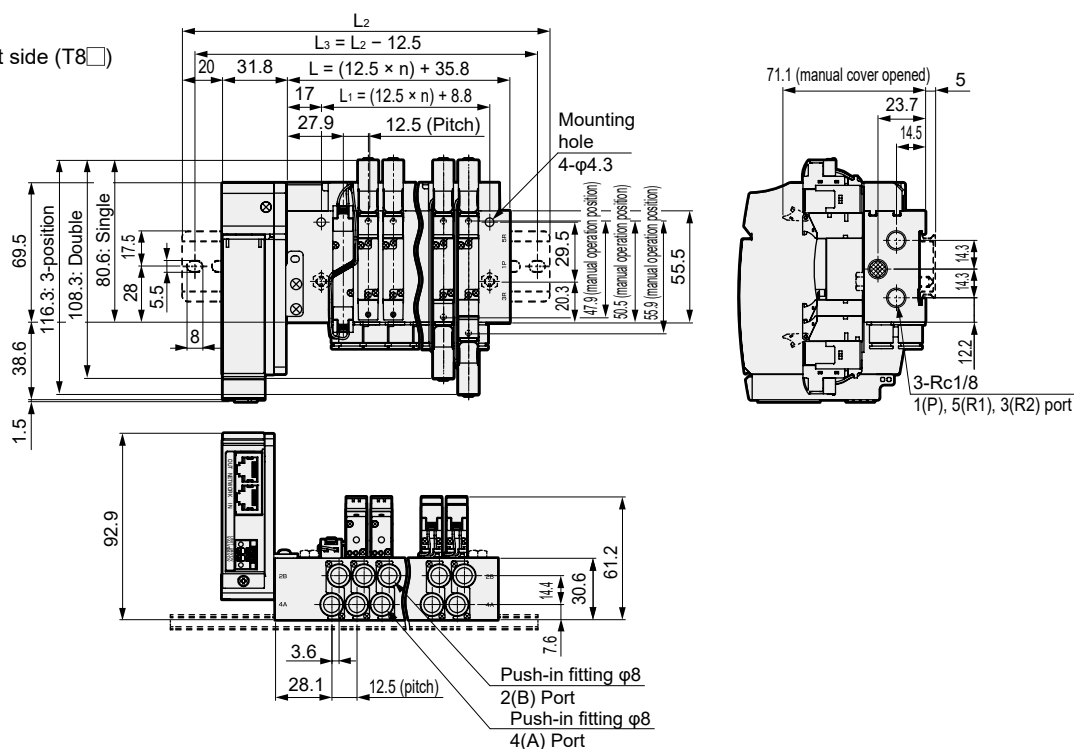
- Serial transmission (T8□)
DIN rail mounting (D); external pilot (K)



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

Dimensions

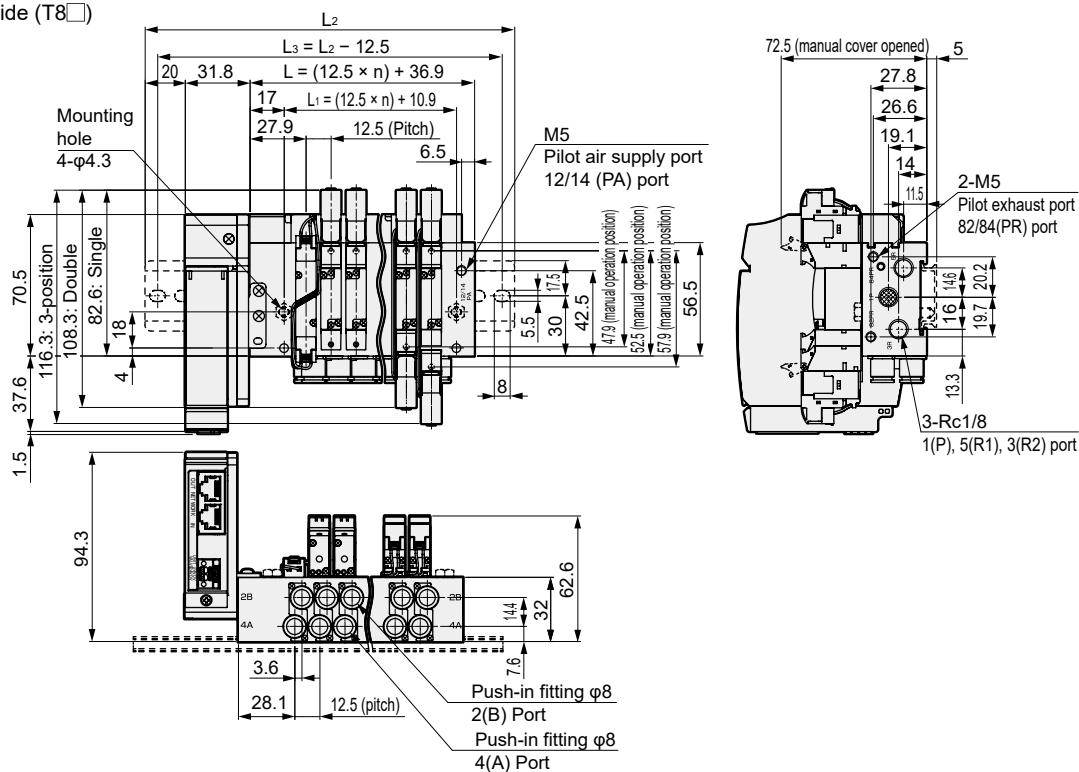
● Reduced wiring left side (T8□)



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)

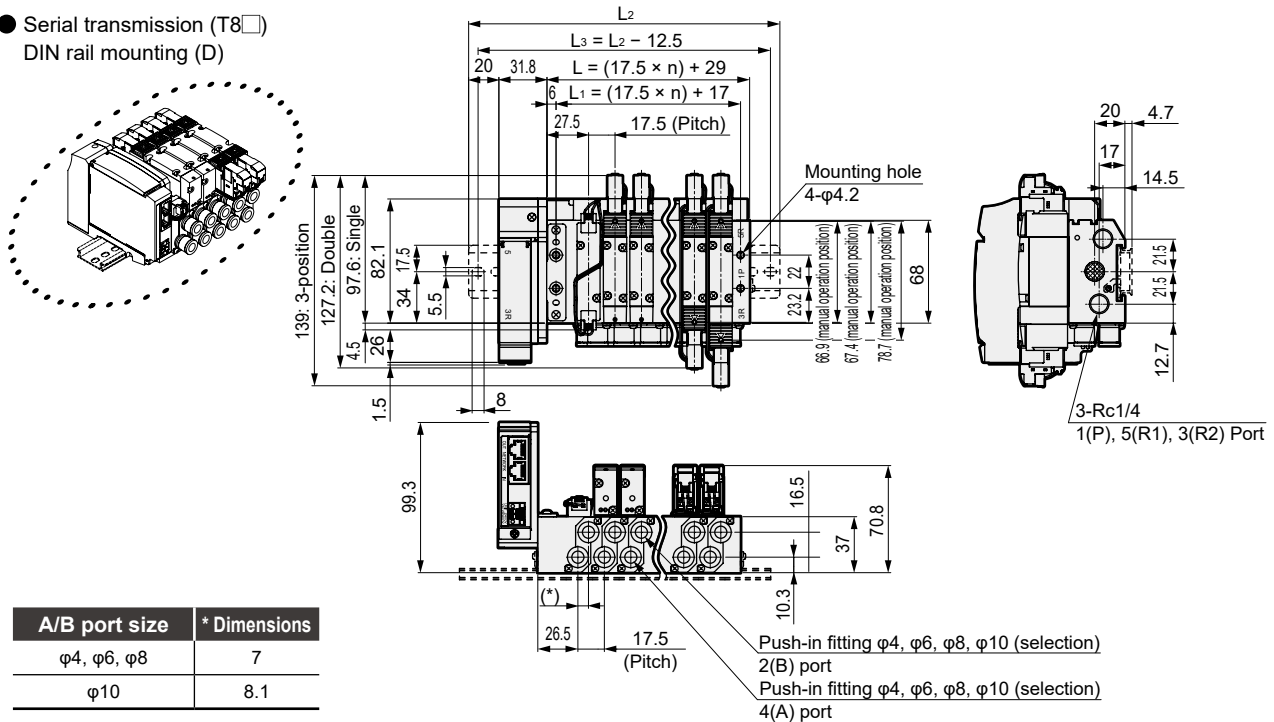


Station No.	2	3	4	5	6	7	8	9	10	11	12
L	61.9	74.4	86.9	99.4	111.9	124.4	136.9	149.4	161.9	174.4	186.9
L ₁	35.9	48.4	60.9	73.4	85.9	98.4	110.9	123.4	135.9	148.4	160.9
L ₂	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0	262.5
L ₃	125.0	137.5	150.0	162.5	175.0	187.5	200.0	212.5	225.0	237.5	250.0

Dimensions

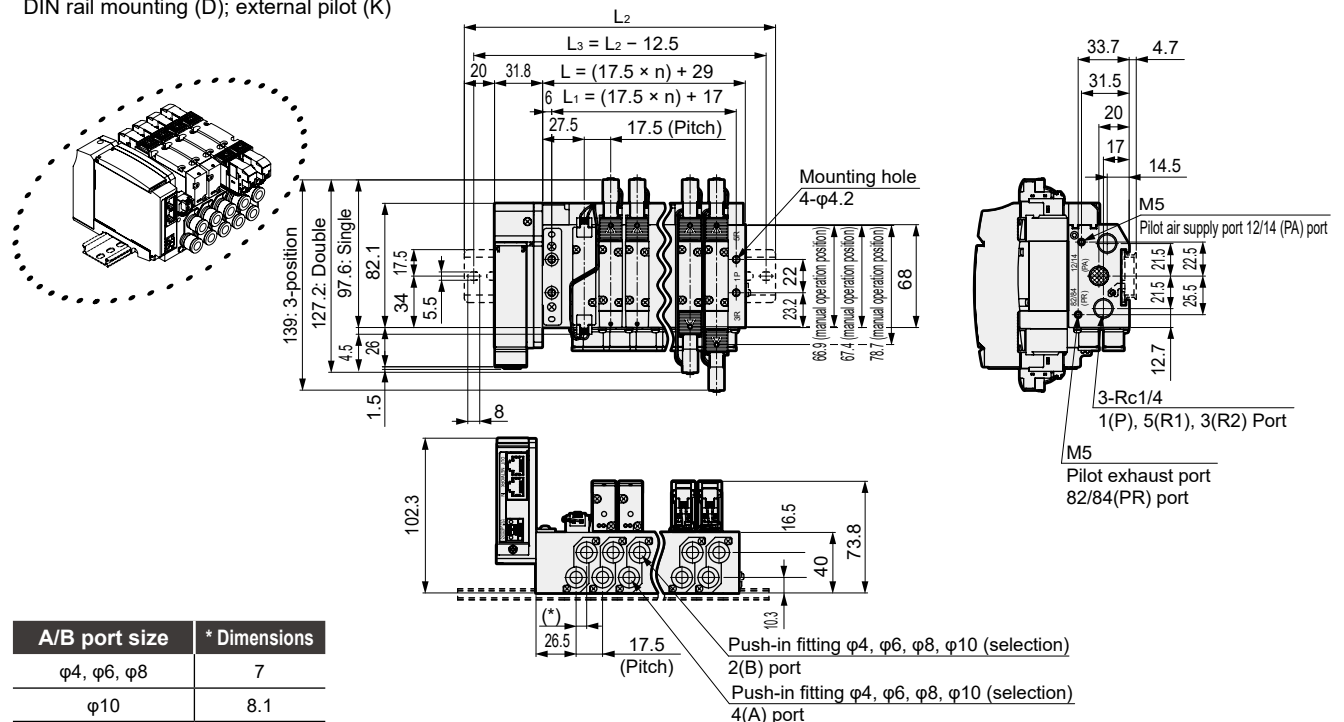
M4GB2

- 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				

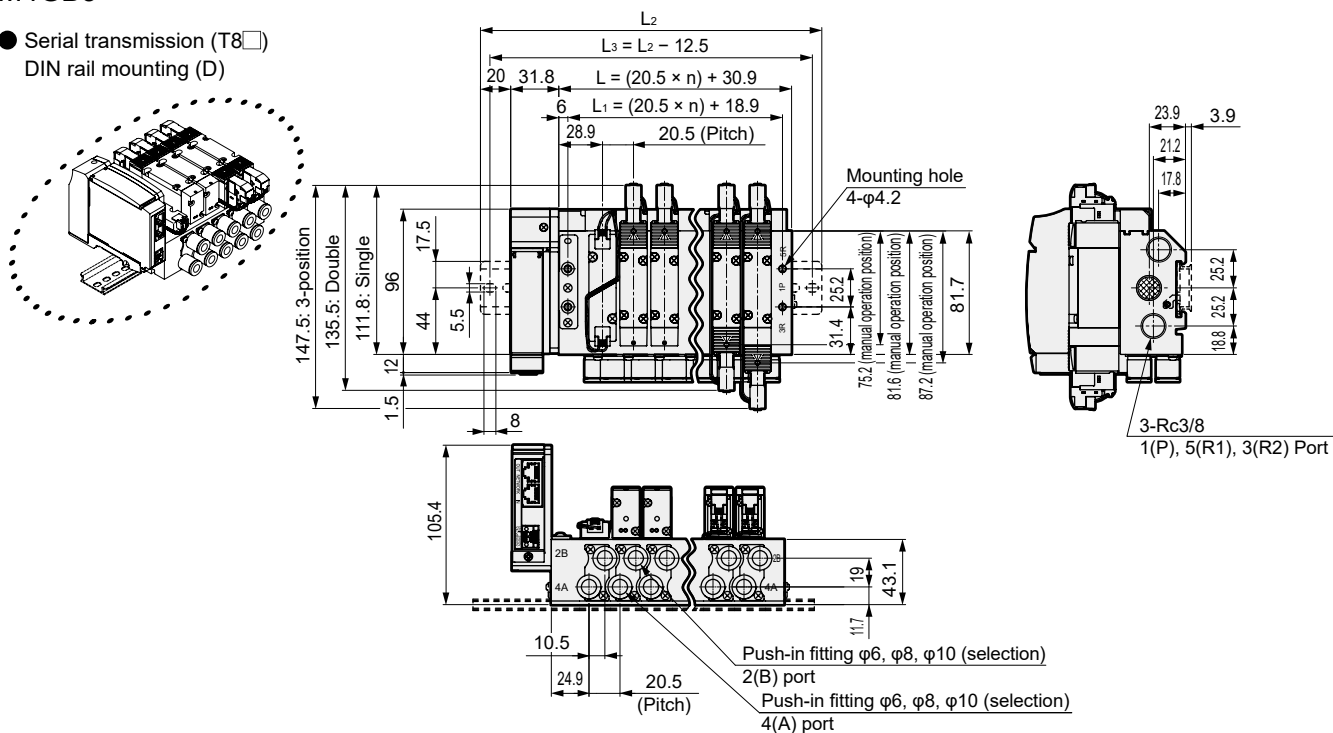
M4GB3-T8* Series

Reduced wiring manifold; base piping; serial transmission

Dimensions

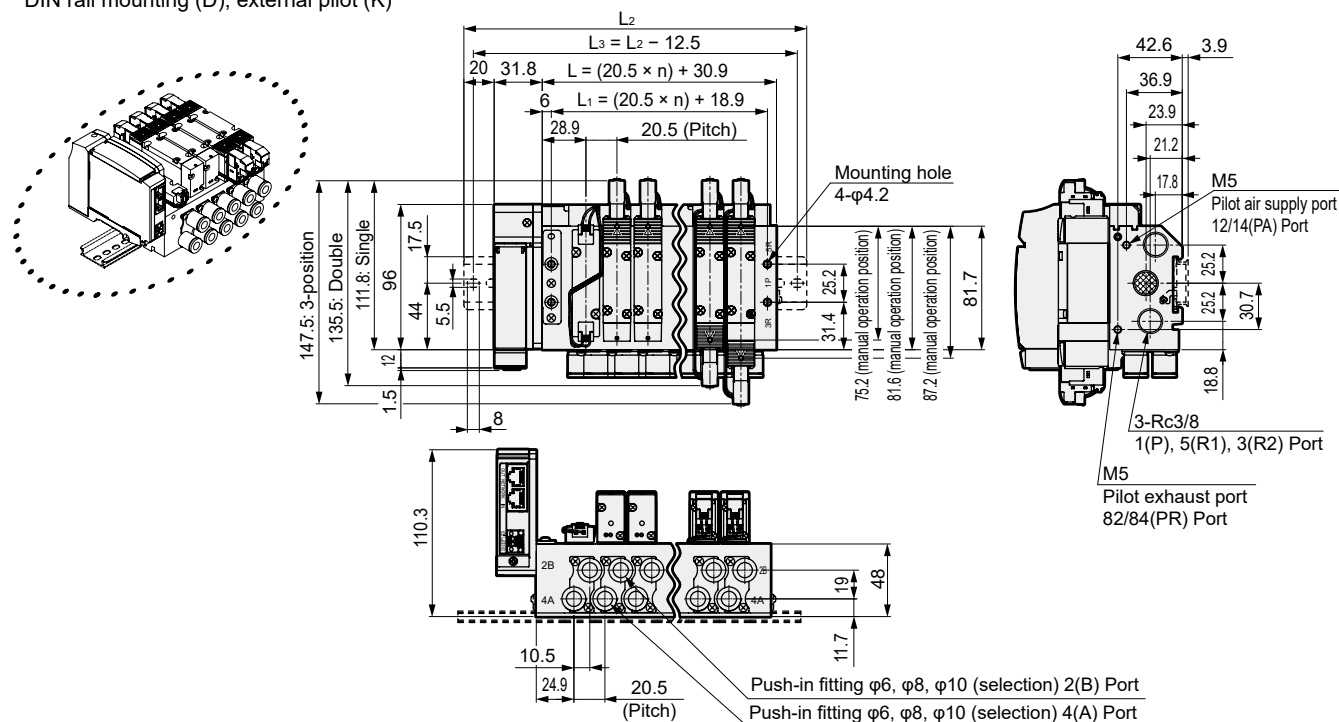
M4GB3

- 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

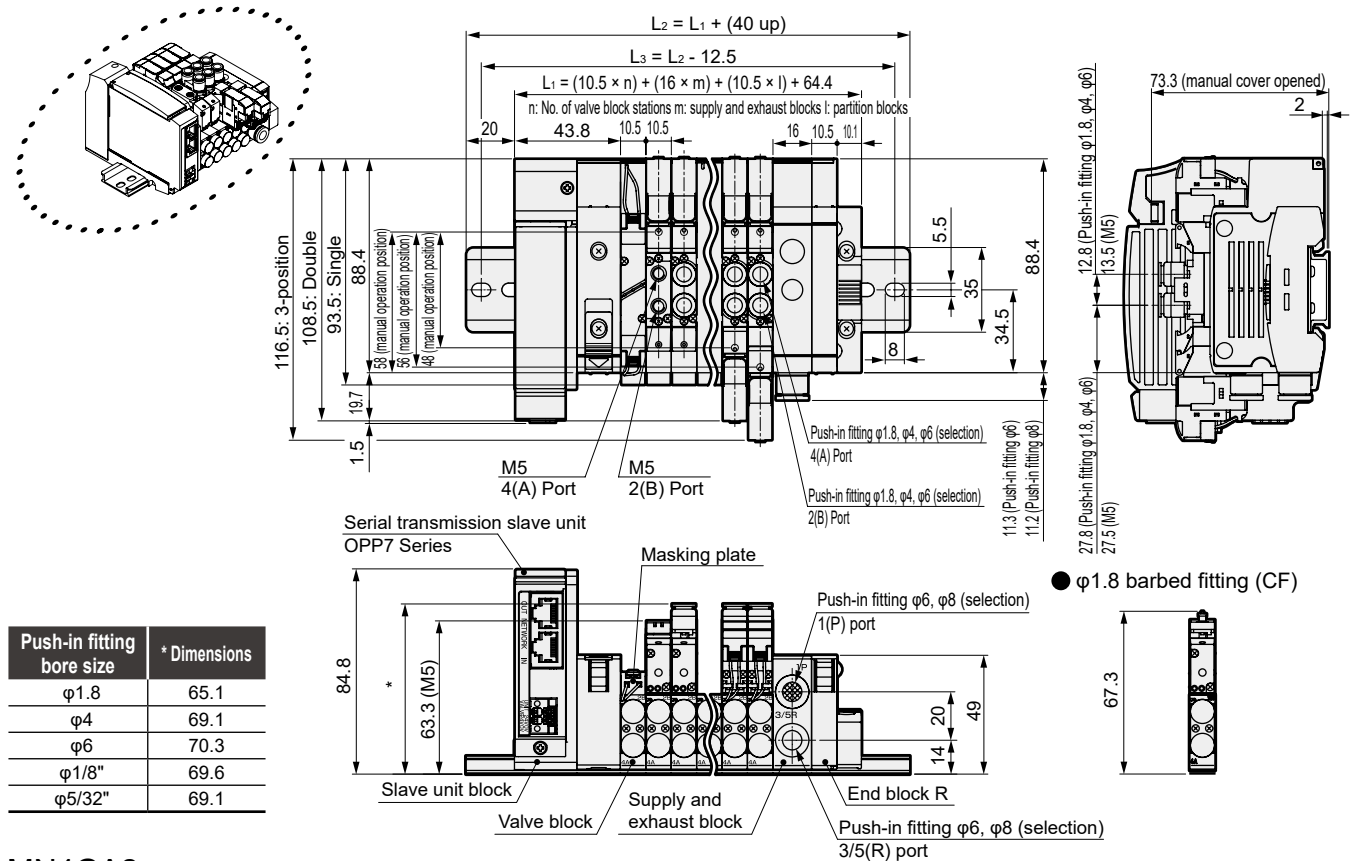
Reduced wiring block manifold: body piping

Dimensions

MN4GA1

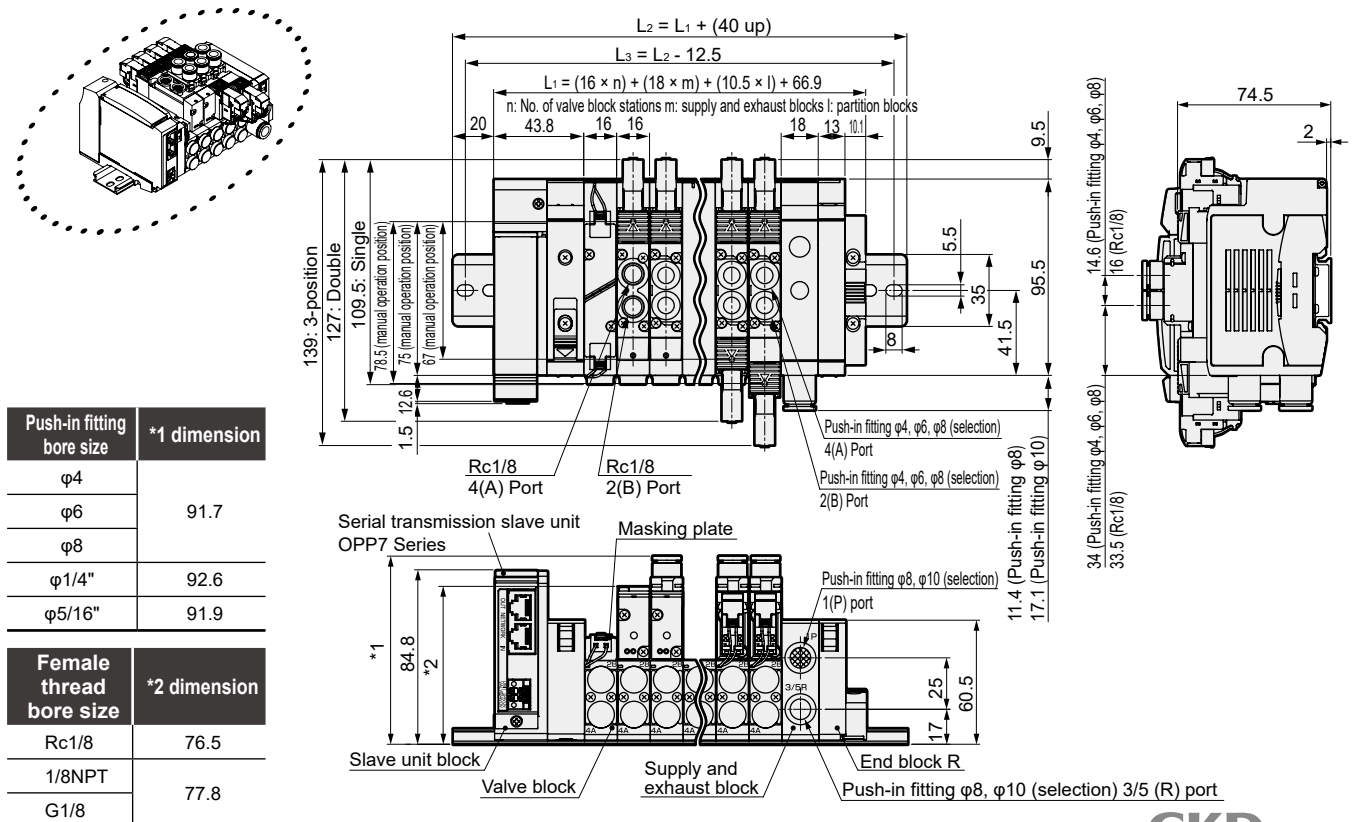
- Thin serial transmission (T8□)

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□)



Push-in fitting bore size	*1 dimension
φ4	91.7
φ6	
φ8	
φ1/4"	92.6
φ5/16"	91.9

Female thread bore size	*2 dimension
Rc1/8	76.5
1/8NPT	77.8
G1/8	

MN4GB1/2-T8* Series

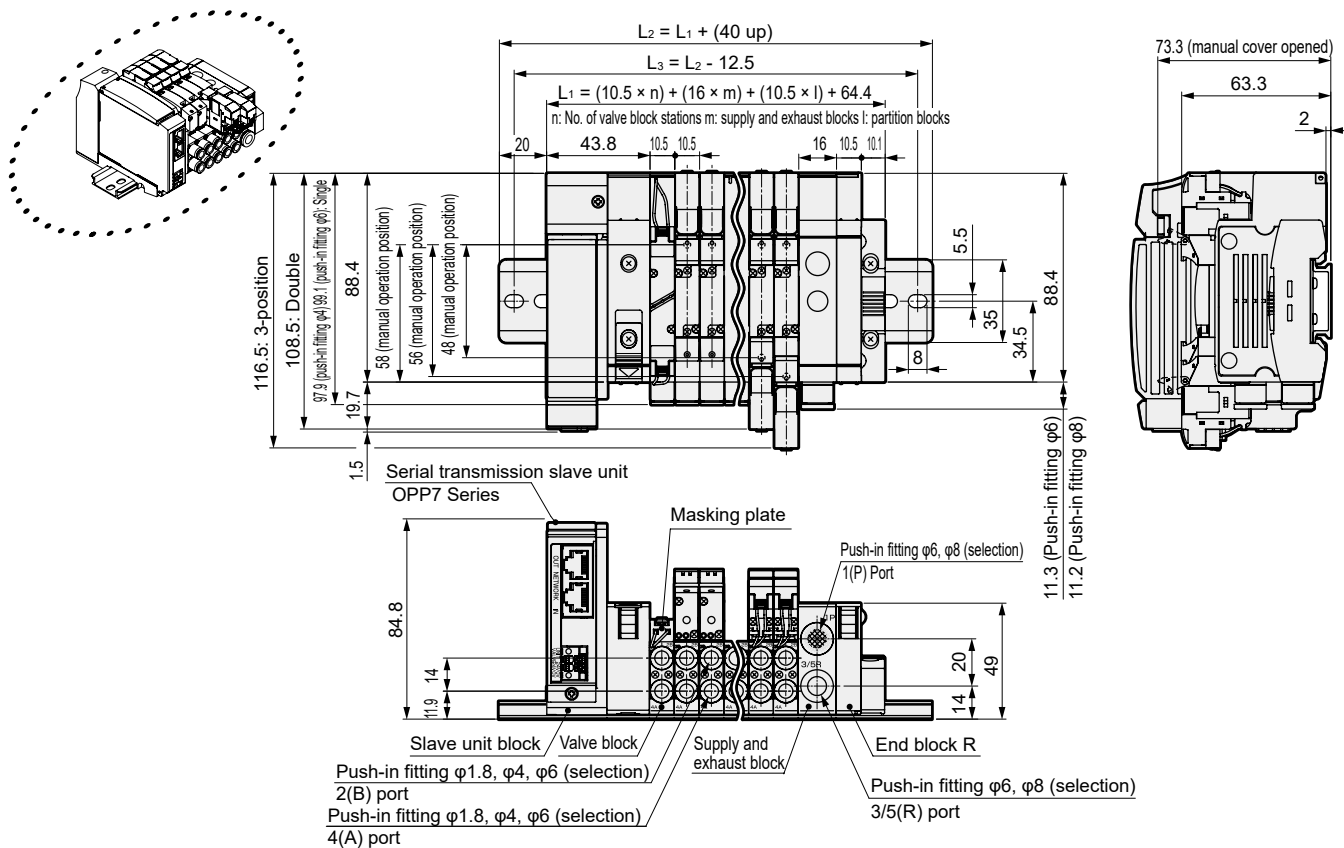
Reduced wiring block manifold; base piping

Dimensions

MN4GB1

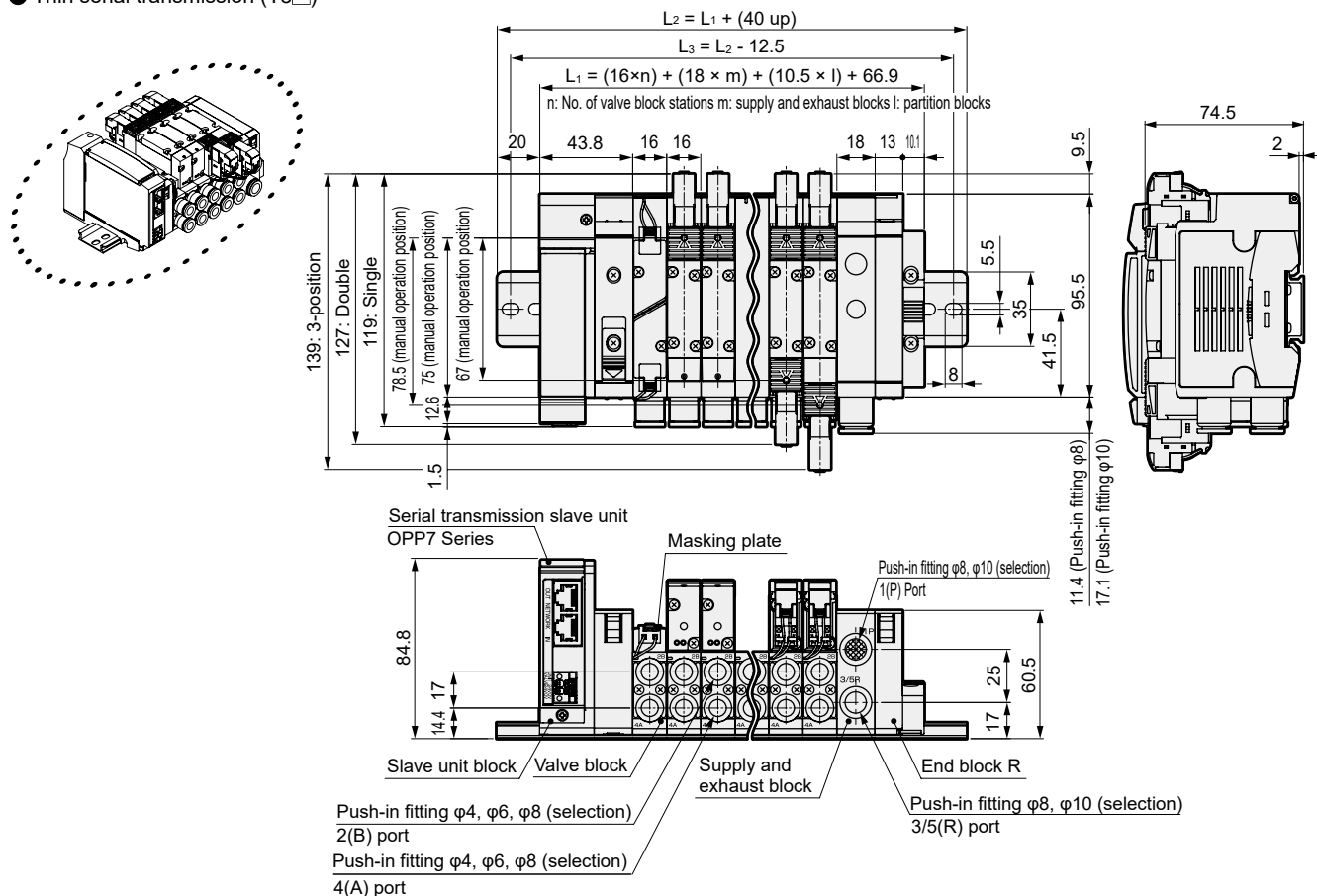
- Thin serial transmission (T8□)

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



MN4GB2

- Thin serial transmission (T8□)



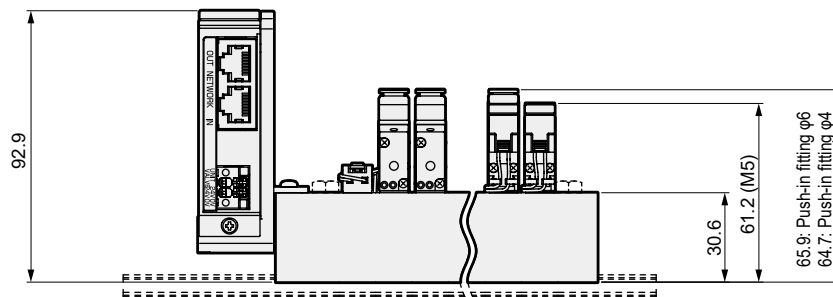
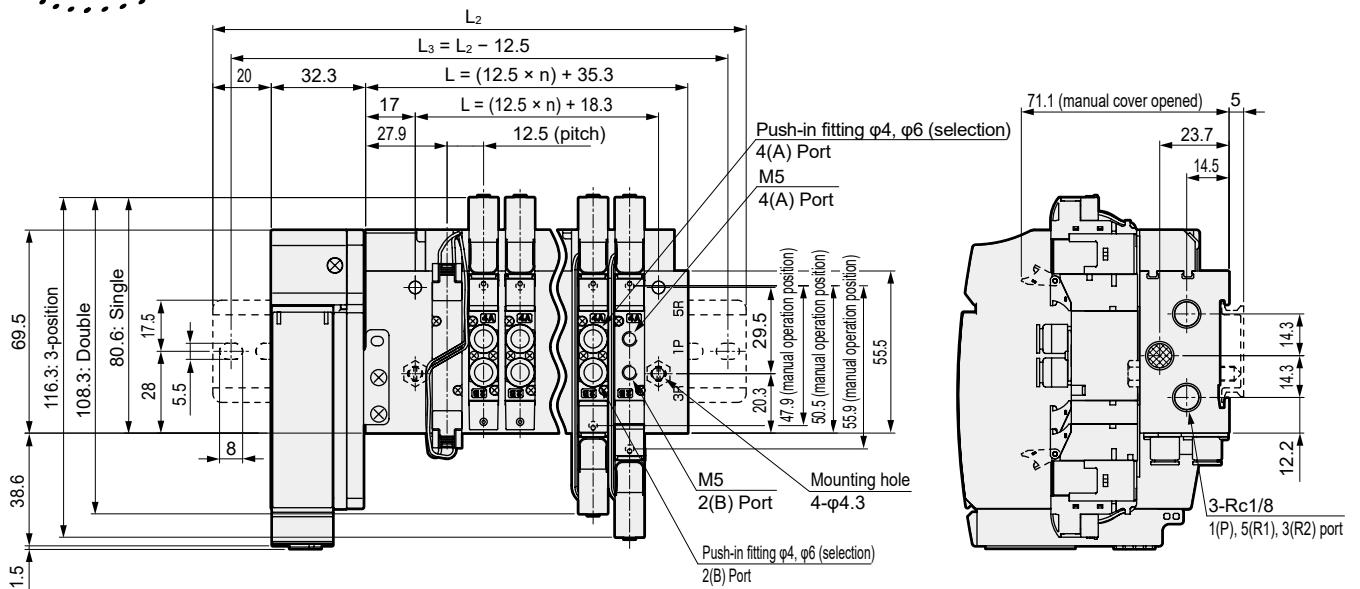
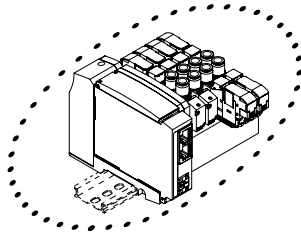
Reduced wiring manifold; body piping; serial transmission

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.



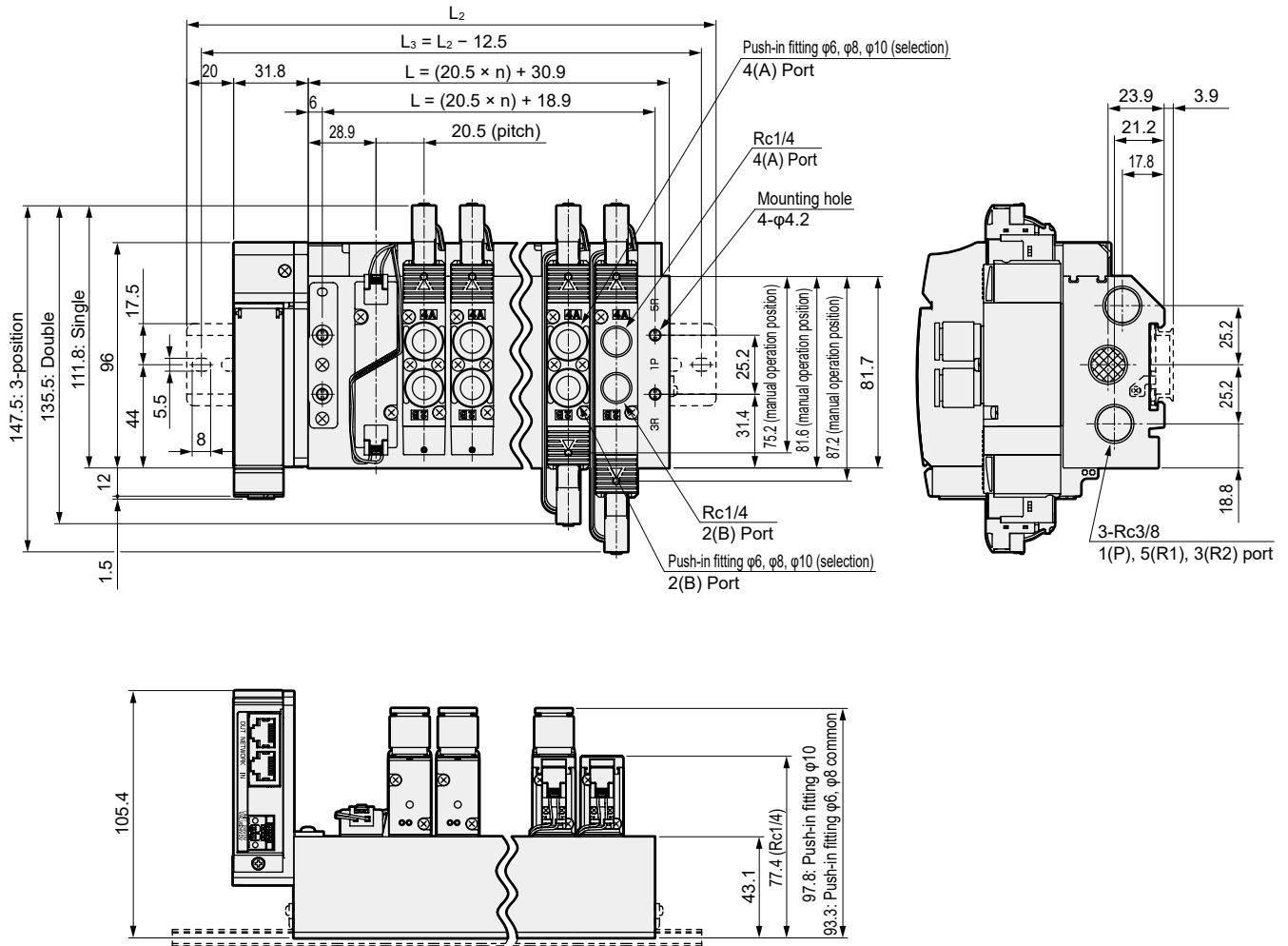
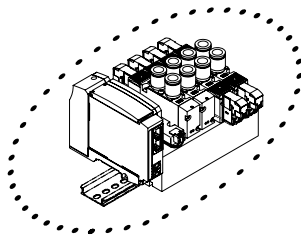
Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3	197.8	210.3	222.8	235.3	247.8	260.3	272.8	285.3
L ₁	33.3	45.8	58.3	70.8	83.3	95.8	108.3	120.8	133.3	145.8	158.3	170.8	183.3	195.8	208.3	220.8	233.3	245.8	258.3
L ₂	137.5	150.0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

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

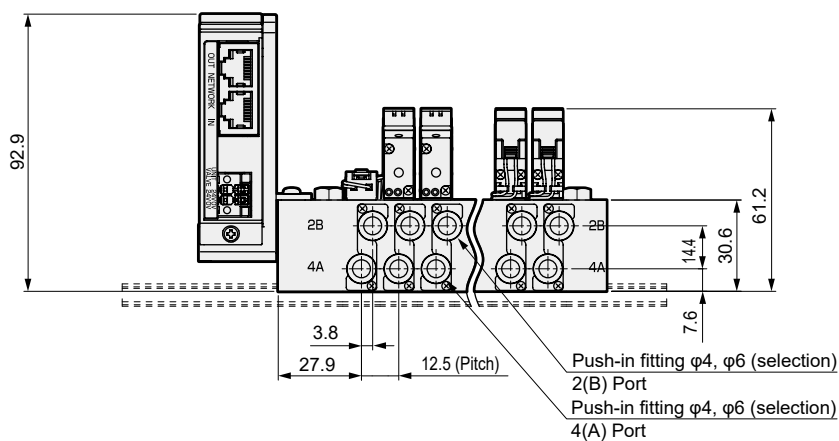
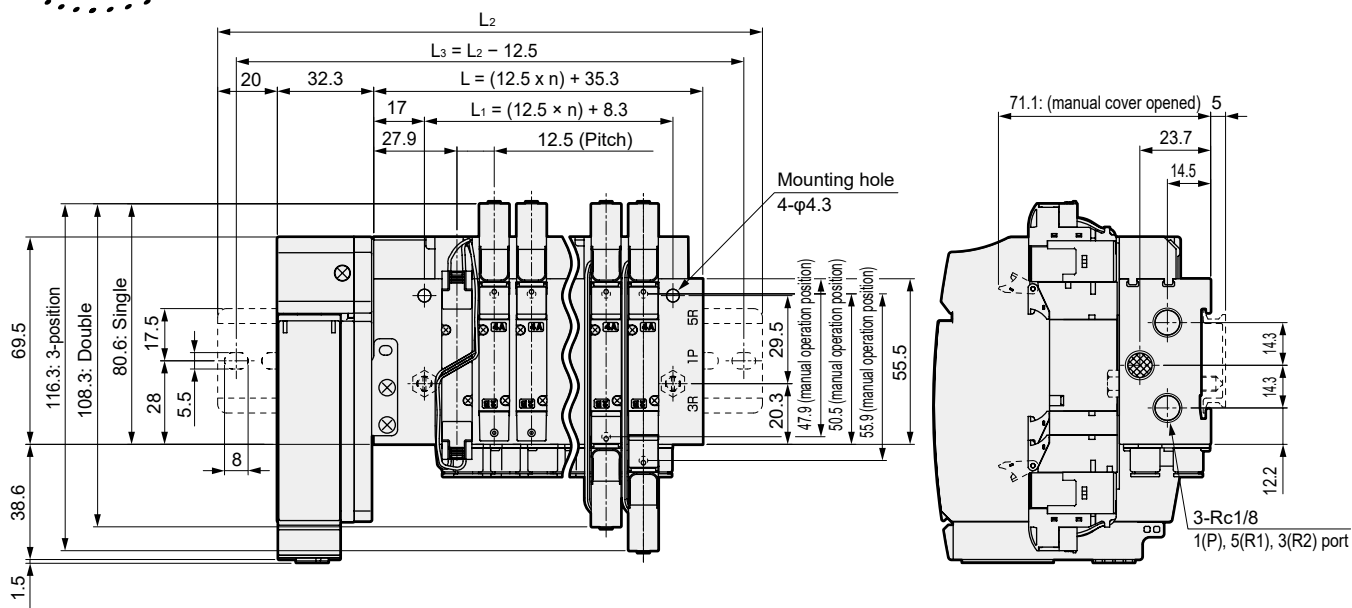
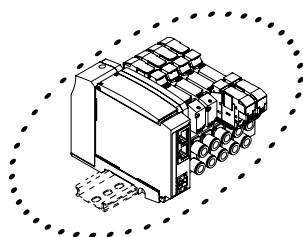
Reduced wiring manifold; base piping; serial transmission

Dimensions

M4GE1

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

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



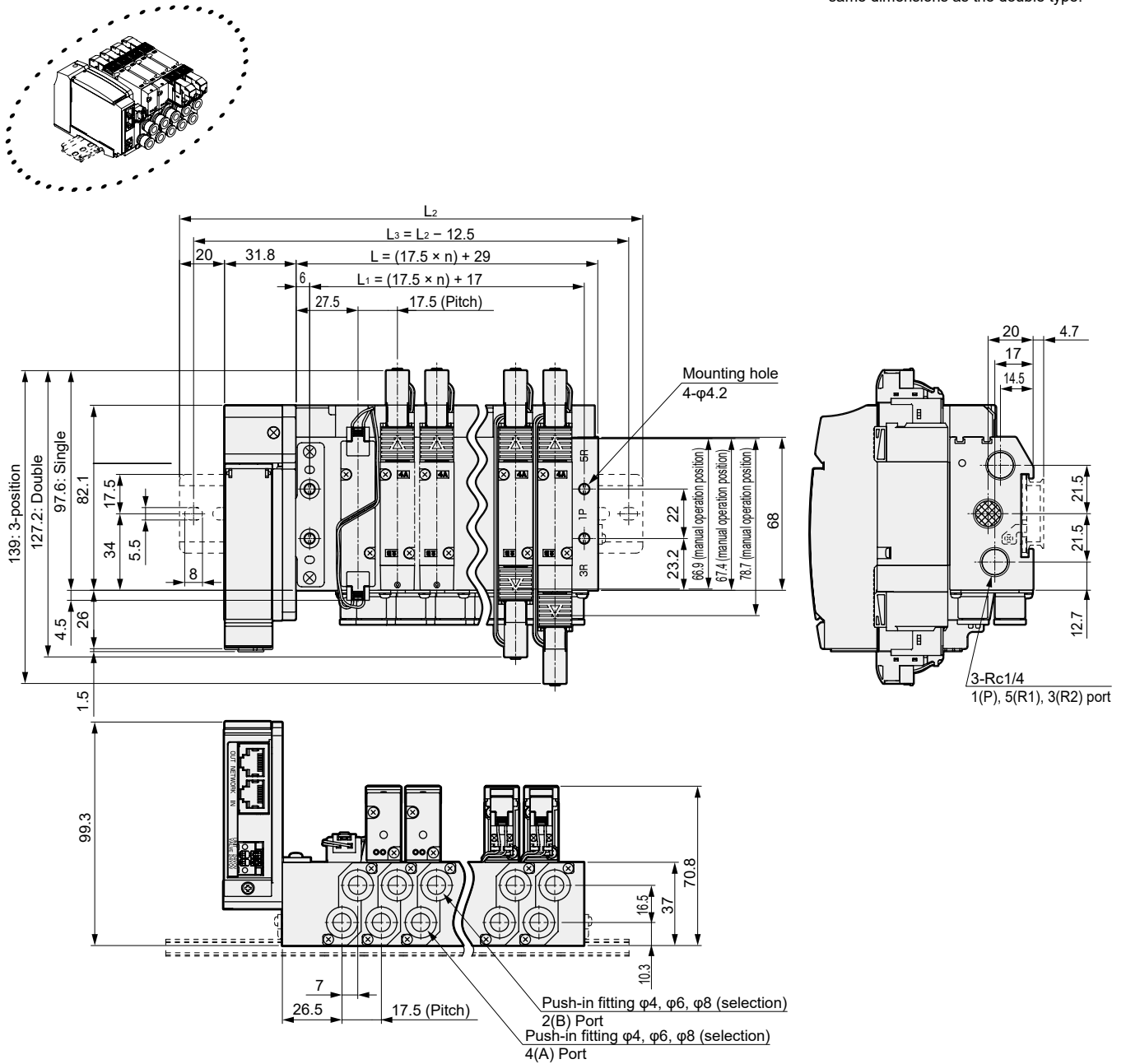
Station No.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
L	60.3	72.8	85.3	97.8	110.3	122.8	135.3	147.8	160.3	172.8	185.3	197.8	210.3	222.8	235.3	247.8	260.3	272.8	285.3
L1	33.3	45.8	58.3	70.8	83.3	95.8	108.3	120.8	133.3	145.8	158.3	170.8	183.3	195.8	208.3	220.8	233.3	245.8	258.3
L2	137.5	150.0	162.5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

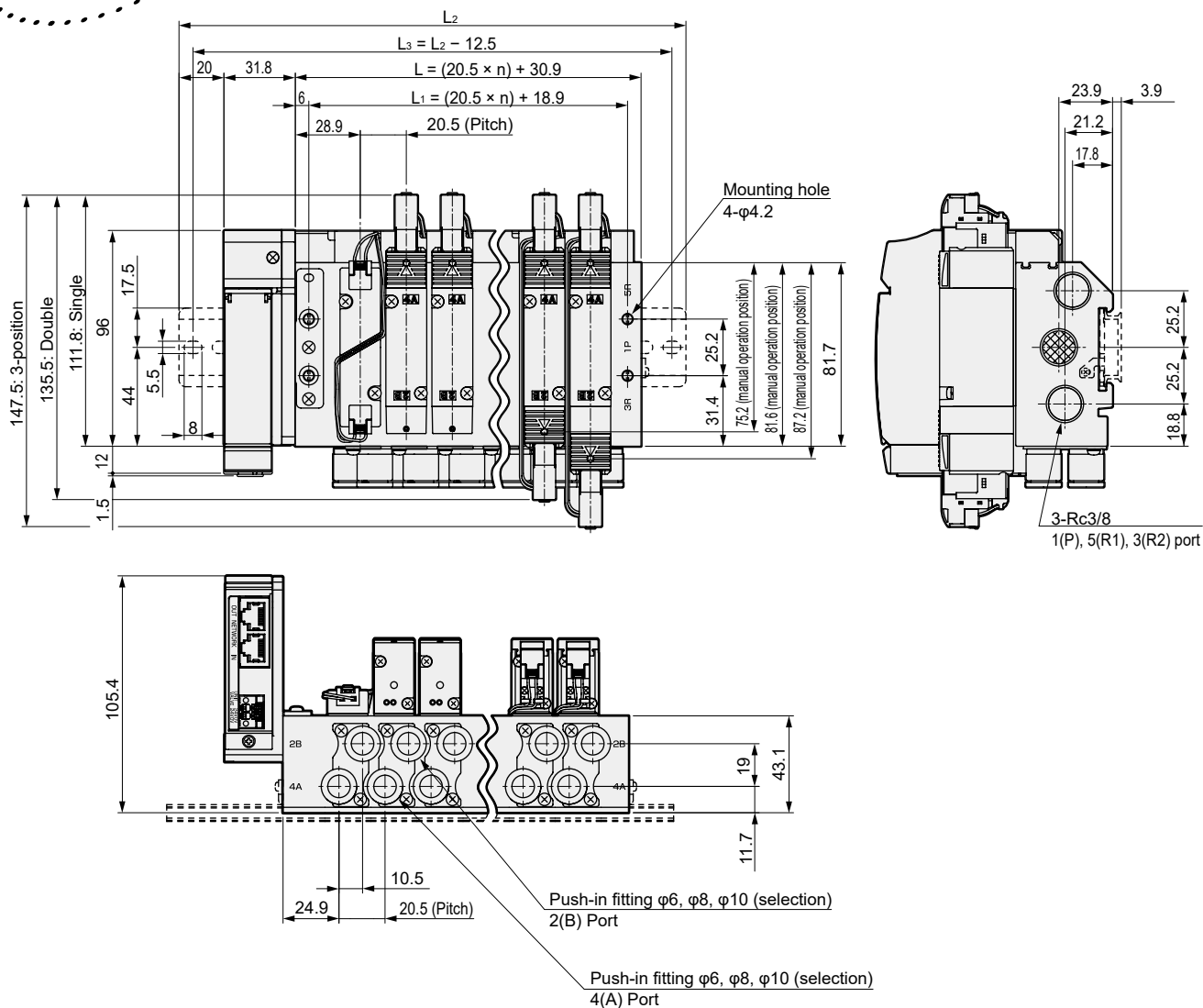
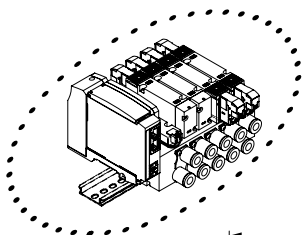
M4GE3-T8* Series

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

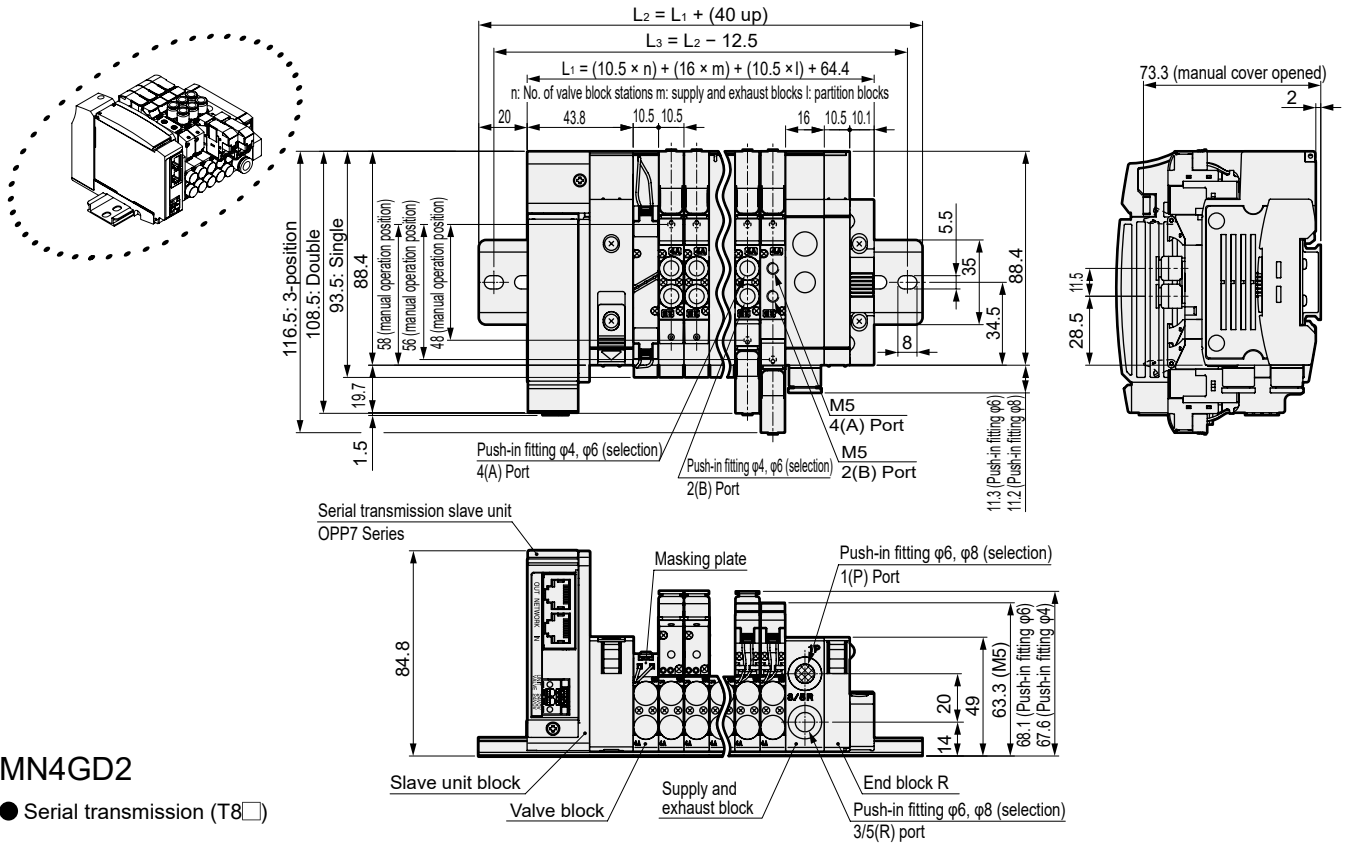
Reduced wiring block manifold; body piping

Dimensions

MN4GD1

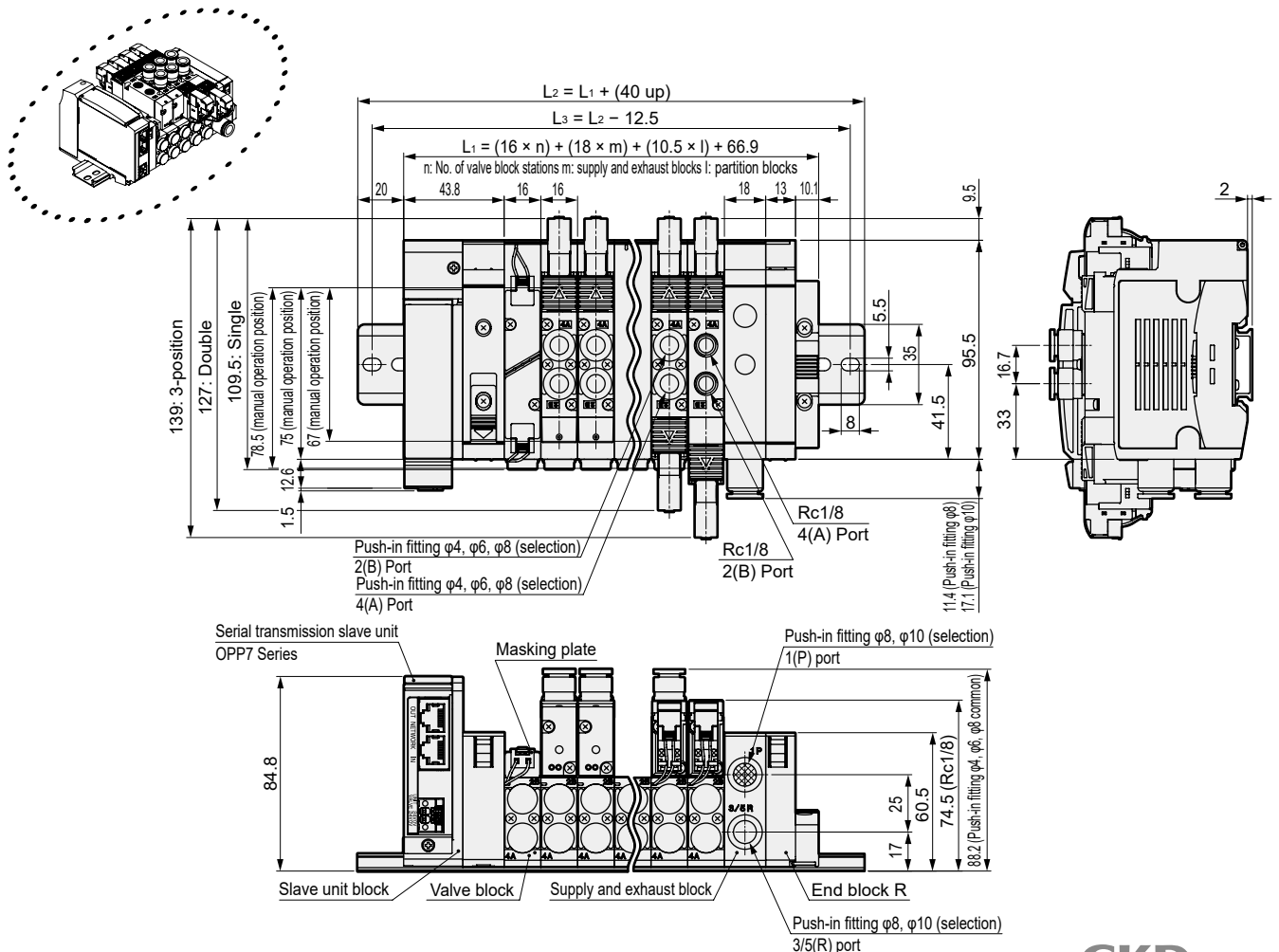
- Serial transmission (T8□)

*: 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

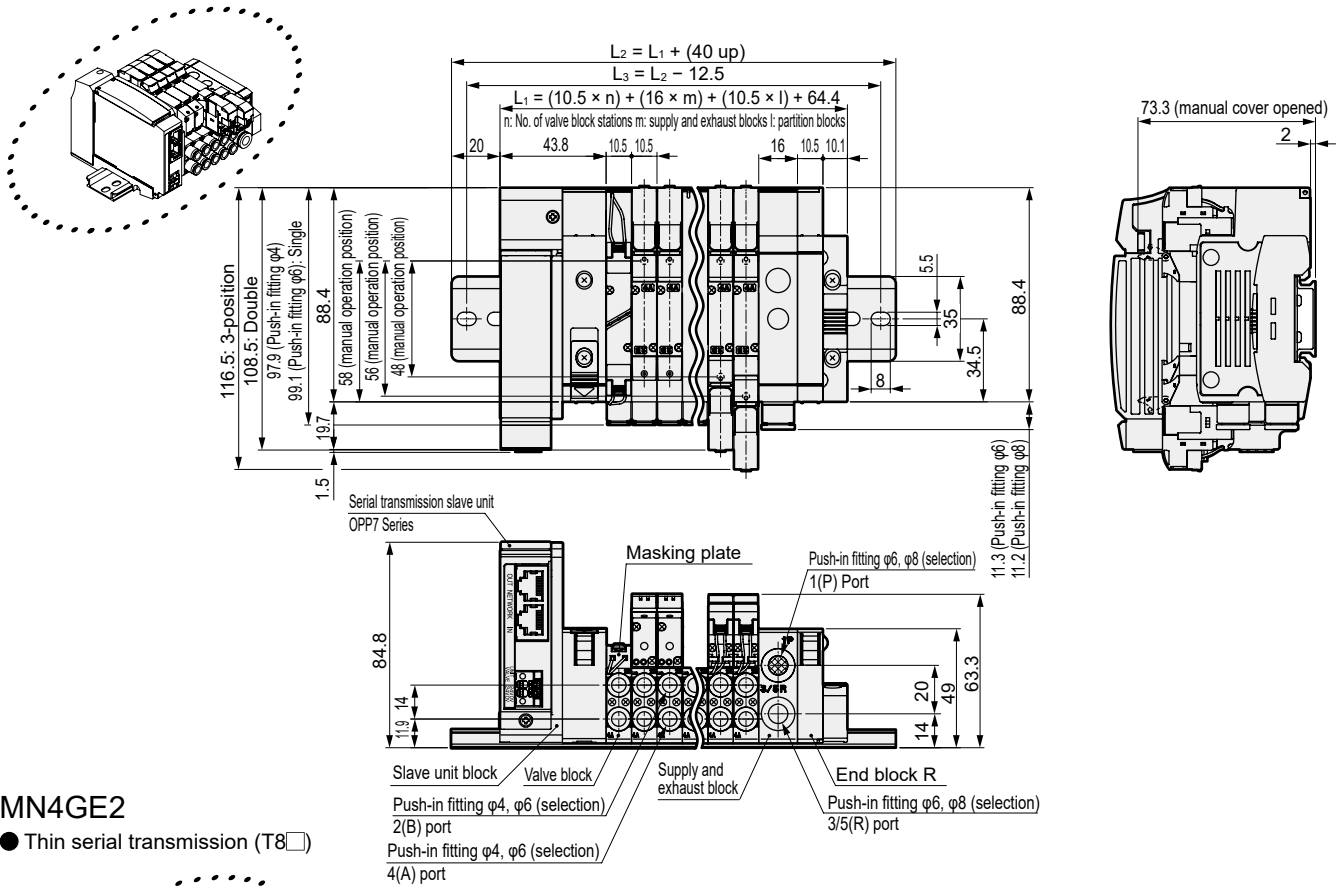
Dimensions



MN4GE1

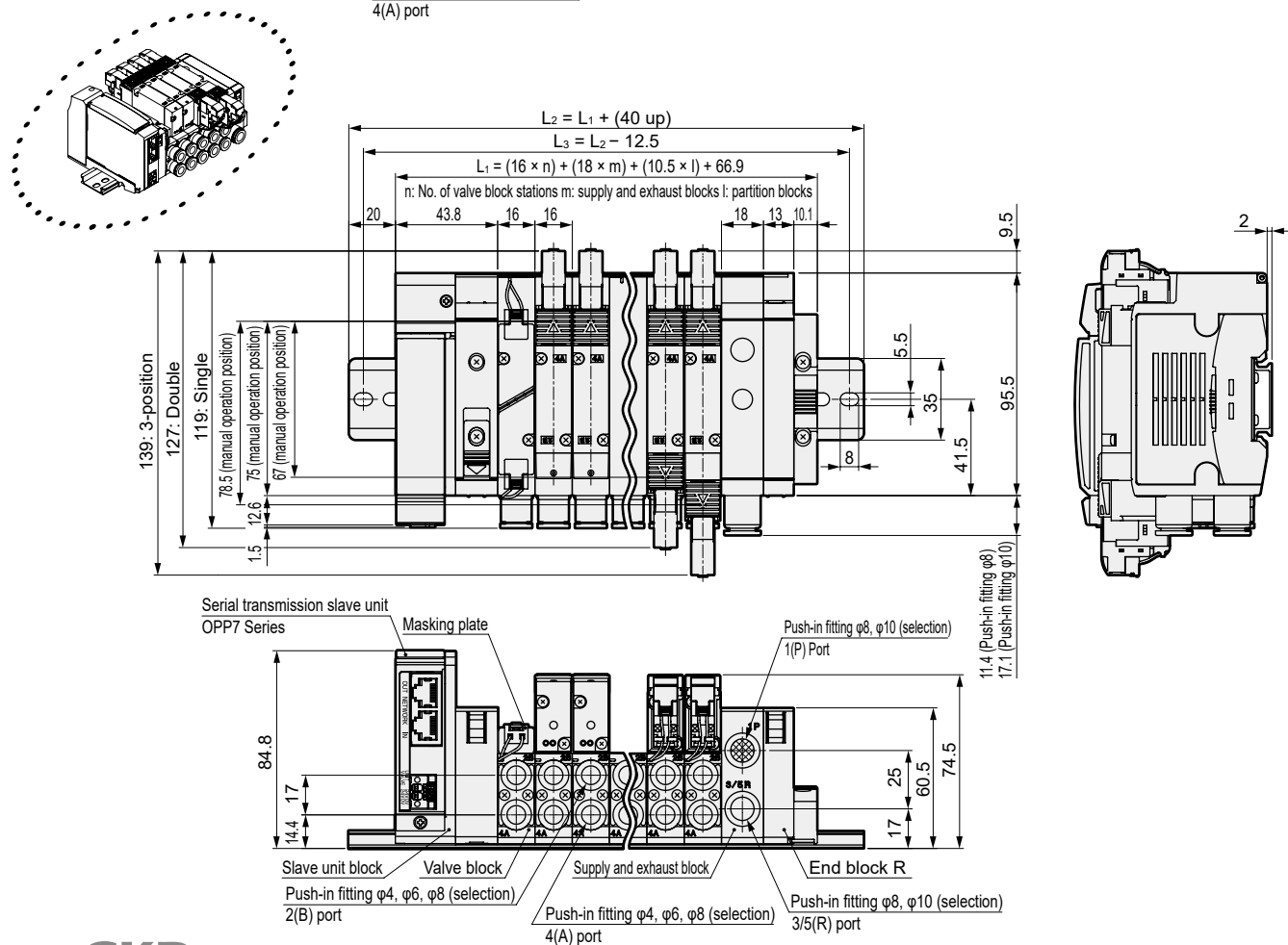
- Thin serial transmission (T8□)

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



MN4GE2

- Thin serial transmission (T8□)



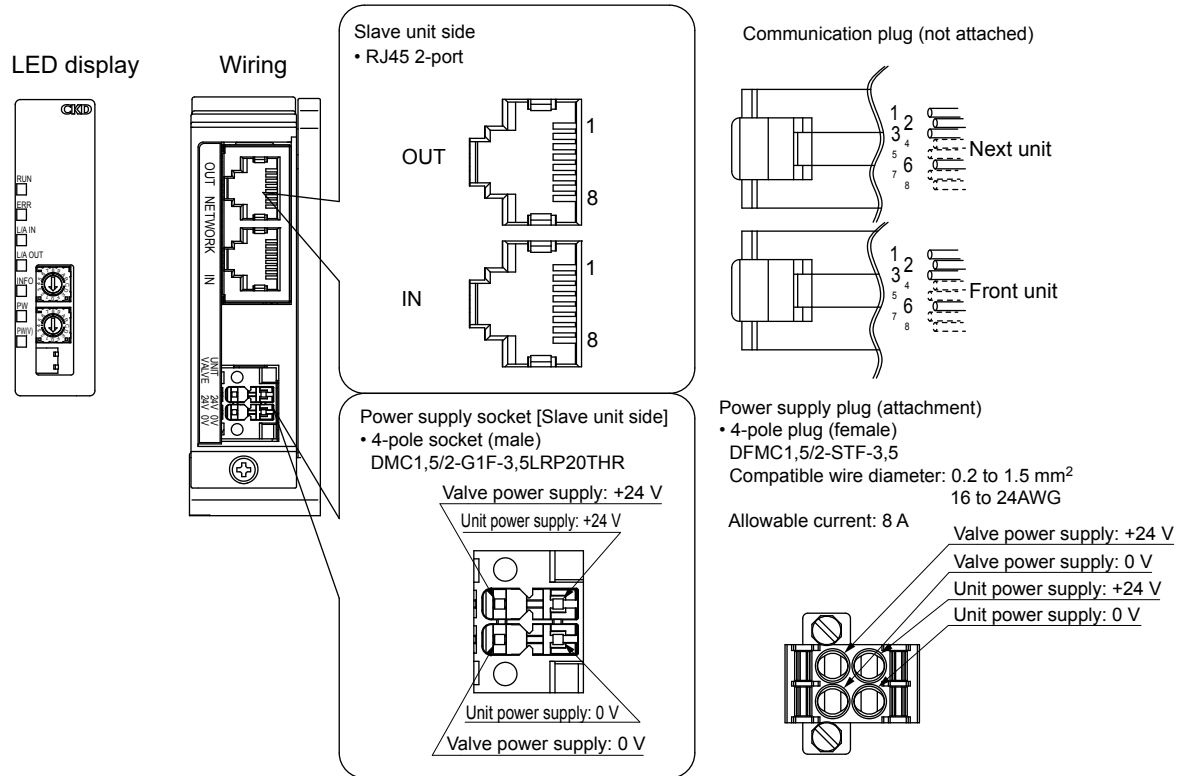
Technical data

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 PROFINET is indicated by the LED state (ON/blinking)
(2)	ERR	Abnormal connection status of PROFINET 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. Lit in green when powered ON
(7)	PW(V)	Indicates the power status of the valve power supply. Lit in 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

M4G^{ABDE} 2-T8 Manifold specifications sheet

Order No.

M **G** ^A_{BDE} **2** **0R-** - - - - **3**

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

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

CKD

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 ^{A B D E} **G** **3** **OR-** - - - - - **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																	
T8EP*				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
T8EP1	PROFINET	NPN	16 points	1																	
T8EP2			32 points	2																	
T8EPP1		PNP	16 points	3																	
T8EPP2			32 points	4																	
				5																	
				6																	
				7																	
				8																	
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				32																	

MN4G1 Block manifold specifications sheet

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

● Manifold model No.

MN G 1 0R- - - - 3

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

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-T8EP																															
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 = * Write an integer multiple of 12.5.	Blanking plug										Silencer										Tag plate (attachment)		Attached part								
		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
 ● Manifold model No. Contact
 Order No.

MN ^A_{B D E} G 2 0R- - - - 3
 A Model No. B Solenoid position C Port size D Electrical connections (Reduced wiring connection) E Terminal/connector pin array (Note: Fill in for reduced wiring.) F Option G Station No. H Voltage

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-T8EP																															
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 (attachment)										Attached part
		GWP4-B					GWP8-B					SLW-H8					B															
		GWP6-B					GWP10-B					SLW-H10																				

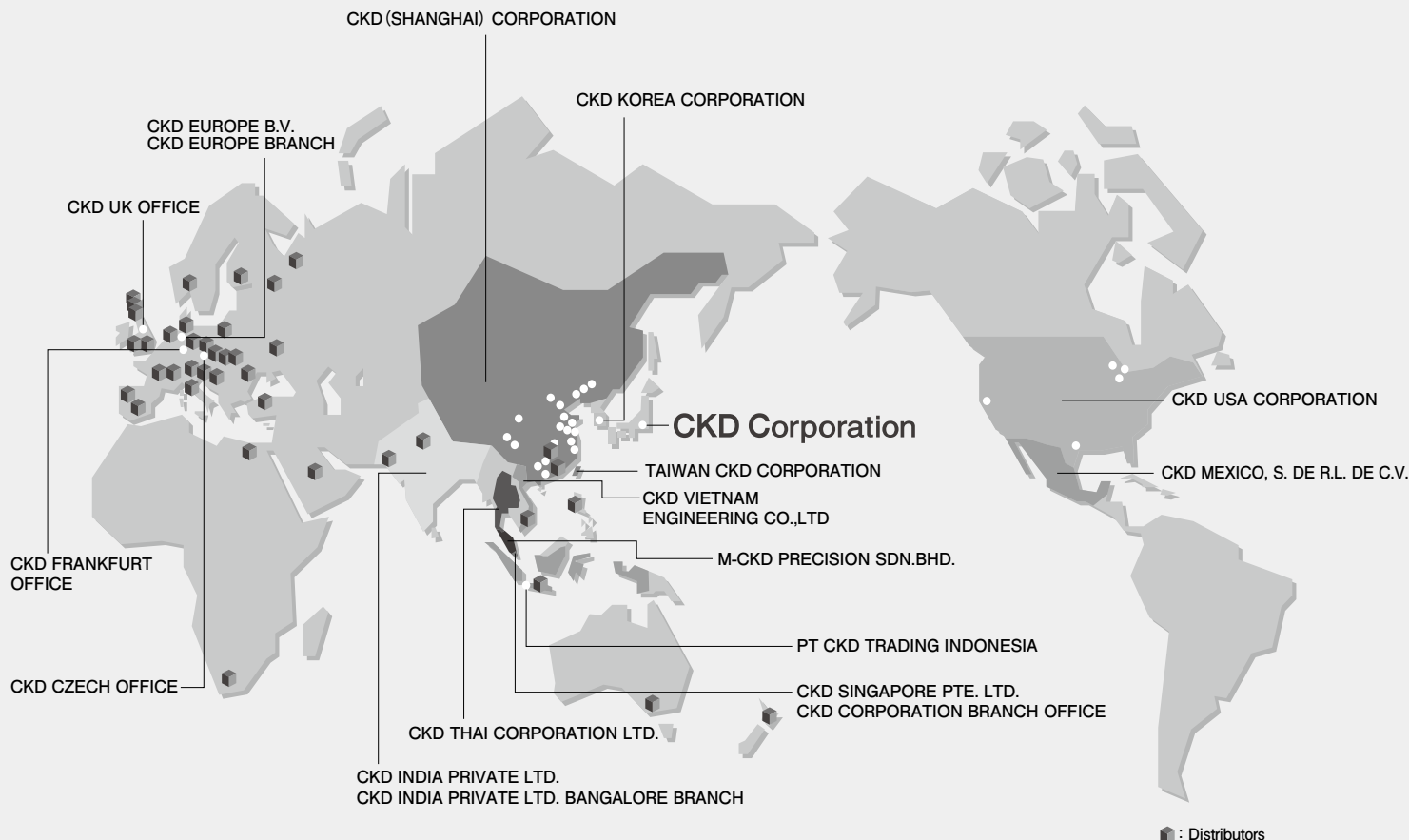
*1: Supports only MN4GA, B *2: Supports only MN4GB

Serial transmission (T8EP*) 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.

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
T8EP1	PROFINET	NPN	16 points	1																								
T8EP2			32 points	2																								
T8EPP1		PNP	16 points	3																								
T8EPP2			32 points	4																								
				5																								
				6																								
				7																								
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CKD Corporation

Website <http://www.ckd.co.jp/>

U.S.A.

CKD USA CORPORATION

●CHICAGO HEADQUARTERS

4080 Winnetka Avenue, Rolling Meadows, IL 60008, USA
PHONE +1-847-368-0539 FAX +1-847-788-0575

- CINCINNATI OFFICE
- SAN ANTONIO OFFICE
- SAN JOSE OFFICE
- DETROIT OFFICE

Mexico

CKD MEXICO, S. DE R.L. DE C.V.

Cerrada la Noria No. 200 Int. A-01, Querétaro Park II,
Parque Industrial Querétaro, Santa Rosa Jáuregui,
Querétaro, C.P. 76220, México
PHONE +52-442-161-0624

Europe

CKD EUROPE B.V.

Beechavenue 125A, 1119 RB Schiphol-Rijk, The Netherlands
PHONE +31-23-554-1490

- GERMANY OFFICE

CKD CORPORATION EUROPE BRANCH

●SALES HEADQUARTERS

Beechavenue 125A, 1119 RB Schiphol-Rijk, The Netherlands
PHONE +31-23-554-1490

- CZECH OFFICE
- UK OFFICE

Malaysia

M-CKD PRECISION SDN.BHD.

●HEAD OFFICE

Lot No.6, Jalan Modal 23/2, Seksyen 23, Kawasan MIEL,
Fasa 8, 40300 Shah Alam, Selangor Darul Ehsan, Malaysia
PHONE +60-(0)3-5541-1468 FAX +60-(0)3-5541-1533

- JOHOR BAHRU BRANCH OFFICE
- PENANG BRANCH OFFICE

Thailand

CKD THAI CORPORATION LTD.

●SALES HEADQUARTERS

Suwan Tower, 14/1 Soi Saladaeng 1, North Sathorn Road,
Kwaeng Silom, Khet Bangrak, Bangkok 10500, Thailand
PHONE +66-(0)2-267-6300 FAX +66-(0)2-267-6305

- RAYONG OFFICE
- NAVANAKORN OFFICE
- EASTERN SEABOARD OFFICE
- LAMPHUN OFFICE
- KORAT OFFICE
- AMATANAKORN OFFICE
- PRACHINBURI OFFICE
- SARABURI OFFICE

- 2-250, Oujii, Komaki City, Aichi, 485-8551 Japan

- PHONE +81-(0)568-74-1338 FAX +81-(0)568-77-3461

Singapore

CKD SINGAPORE PTE. LTD.

No.33 Tannery Lane #04-01 Hoesteel Industrial
Building, Singapore 347789, Singapore
PHONE +65-67442623 FAX +65-67442486

CKD CORPORATION BRANCH OFFICE

No.33 Tannery Lane #04-01 Hoesteel Industrial
Building, Singapore 347789, Singapore
PHONE +65-67447260 FAX +65-68421022

India

CKD INDIA PRIVATE LTD.

Unit No. 607, 6th Floor, Welldone Tech Park, Sector 48,
Sohna Road, Gurgaon-12018, Haryana, India
PHONE +91-(0)124-418-8212

CKD INDIA PRIVATE LTD. BANGALORE BRANCH

No. 201/B, 2nd Floor, Museum Terraces Apartment, No. 29,
Museum Road, Bangalore-560001, Karnataka, India
PHONE +91-(0)80-4212-7008/7009 FAX +91-(0)80-4212-7007

Indonesia

PT CKD TRADING INDONESIA

●SALES HEADQUARTERS

Menara Bidakara 2, 18th Floor, Jl. Jend. Gatot Subroto Kav.
71-73, Pancoran, Jakarta 12018, Indonesia
PHONE +62-(0)21-2938-6601 FAX +62-(0)21-2906-9470

- BEKASI OFFICE
- SURABAYA OFFICE

Vietnam

CKD VIETNAM ENGINEERING CO.,LTD.

18th Floor, CMC Tower, Duy Tan Street, Cau Giay
District, Hanoi, Vietnam
PHONE +84-(0)24-3795-7631 FAX +84-(0)24-3795-7637

Taiwan

台灣喜開理股份有限公司

TAIWAN CKD CORPORATION

16F-3, No. 7, Sec. 3, New Taipei Blvd., Xinzhuang Dist.,
New Taipei City 242, Taiwan
PHONE +886-(0)2-8522-8198 FAX +886-(0)2-8522-8128

- 新竹營業所 (HSINCHU OFFICE)
- 台中營業所 (TAICHUNG OFFICE)
- 台南營業所 (TAINAN OFFICE)

China

喜開理(上海)機器有限公司

CKD(SHANGHAI)CORPORATION

●營業部 / 上海浦西事務所 (SALES HEADQUARTERS / SHANGHAI PUXI OFFICE)

Room 601, 6th Floor, Yuanzhongkeyan Building, No. 1905
Hongmei Road, Xinhui District, Shanghai 200233, China
PHONE +86-(0)21-61911888 FAX +86-(0)21-60905356

- 上海浦東事務所 (SHANGHAI PUDONG OFFICE)
- 無錫事務所 (WUXI OFFICE)
- 杭州事務所 (HANGZHOU OFFICE)
- 寧波事務所 (NINGBO OFFICE)
- 南京事務所 (NANJING OFFICE)
- 蘇州事務所 (SUZHOU OFFICE)
- 昆山事務所 (KUNSHAN OFFICE)
- 北京事務所 (BEIJING OFFICE)
- 天津事務所 (TIANJIN OFFICE)
- 長春事務所 (CHANGCHUN OFFICE)
- 大連事務所 (DALIAN OFFICE)
- 青島事務所 (QINGDAO OFFICE)
- 濟南事務所 (JINAN OFFICE)
- 烟台事務所 (YANTAI OFFICE)
- 瀋陽事務所 (SHENYANG OFFICE)
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- 西安事務所 (XI'AN OFFICE)
- 武漢事務所 (WUHAN OFFICE)
- 鄭州事務所 (ZHENGZHOU OFFICE)
- 長沙事務所 (CHANGSHA OFFICE)
- 廣州事務所 (GUANGZHOU OFFICE)
- 深圳西事務所 (WEST SHENZHEN OFFICE)
- 深圳東事務所 (EAST SHENZHEN OFFICE)
- 東莞事務所 (DONGGUAN OFFICE)
- 廈門事務所 (XIAMEN OFFICE)

Korea

CKD KOREA CORPORATION

●HEADQUARTERS

(3rd Floor), 44, Sinsu-ro, Mapo-gu, Seoul 121-856, Korea
PHONE +82-(0)2-783-5201~5203 FAX +82-(0)2-783-5204

- 本原營業所 (SUWON OFFICE)

- 天安營業所 (CHEONAN OFFICE)

- 蔚山營業所 (ULSAN OFFICE)

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