

MN4GB Series

How to fill out block manifold MN4G Series manifold specifications sheet

● Manifold model No. (example)

MN 4 GB1 8 0R - CX - T50 W H - 8 - 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.)

When filling in this field, select the model No. from "Block configurations" (pages 400 to 417).

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 (pages 406 and 407)	N4G1R-T [50]	<input type="radio"/>																															1
With solenoid valve	N4GB1[1]0R-[C4]-[]	<input type="radio"/>	<input type="radio"/>																													2	
Valve block (page 402)	N4GB1[2]0R-[C6]-[]				<input type="radio"/>																											1	
	N4GB1[3]0R-[C4]-[]			<input type="radio"/>																												1	
	N4GB1[]0R-[]-[]																																
	N4GB1[]0R-[]-[]																																
	N4GB1[]0R-[]-[]																																
	N4GB1[]0R-[]-[]																																
	N3GB1[1]0R-[C4]-[]								<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																					3	
	N3GB1[]0R-[]-[]																																
Valve block with masking plate (Refer to page 402)	N4GB1R-MP																																
	N4GB1R-MPS																																
	N4GB1R-MPD					<input type="radio"/>																										1	
Supply and exhaust block (page 404)	N4G1R-Q []-[8]-[]						<input type="radio"/>					<input type="radio"/>																				2	
	N4G1R-Q []-[]-[]																																
	N4G1R-Q []-[]-[]																																
Partition block (page 405)	N4G1R-S [A]							<input type="radio"/>																								1	
	N4G1R-S []																																
	N4G1R-S []																																
End block (page 405)	N4G1R-E [R]												<input type="radio"/>																			1	
	N4G1R-E []																																
Mounting rail	L ₂ = [] (How to calculate length on next page)	Blanking plug										Silencer										Tag plate (included)		Included parts									
		GWP4-B		GWP6-B		GWP8-B		SLW-H6		SLW-H8		A		<input type="radio"/>																			
		Cable with D-sub-connector				4GR-CABLE-D0[]-[]				Push-in fitting tube remover (included as standard) <input checked="" type="checkbox"/> Not required (check the box)																							

* A circuit diagram of the above manifold model No. (example) is provided on the following page.
Use for reference.

Place a check here if the tube remover
(standard attachment) is not required.

Preparing manifold specifications sheet

- Complete from the left end, with the piping port facing forward.
(Fill in the block model No. selected from "Block configurations" (pages 400 to 417) and array directions.)
- Write the total number of blocks specified in the quantity field in the table far right.
- Mark a circle for required attachment parts.
- Indicate the mounting rail length. (Fill in only when a length other than the standard length is required.)
- As there are manifold specifications sheets for each of the various series, fill in the form for the corresponding specifications.
 - MN4GB1: Page 429
 - MN4GB2: Page 430
 - MN4GBx1/2 (Mix manifold): Page 431

MN4GB Series

● Mounting rail model No.: N4GR-BAA Length

Mounting rail length (L2)

- (1) Determine the rail length using the calculation method shown below.
The obtained length is standard.
- (2) For standard length, length (L2) is not required on the specifications sheet.
Indicate the length when using a non-standard length.

● How to determine the length of the mounting rail

$$\text{Manifold length (L1)} = (A \times \text{Valve block Quantity}) + (B \times \text{Supply and exhaust block Quantity}) + (C \times \text{Partition block Quantity}) + D + E$$

Mounting rail length (L2) = L1' × 12.5 A, B, C, D, and E indicate the length (width) of each block.

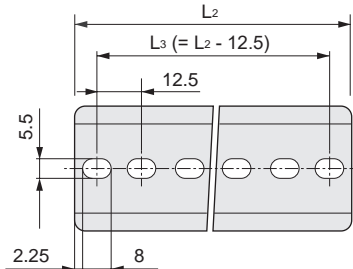
$$L2': \frac{L1 + 40}{12.5} \rightarrow \text{decimals rounded up}$$

$$\text{Rail mounting pitch (L3)} = L2 - 12.5$$

● Mounting rail length quick reference table

L1: Manifold Length	47.5 or less	47.5 Over to 60 or less	60 to 72.5	72.5 to 85	85 to 97.5	97.5 to 110	110 to 122.5	122.5 to 135	135 to 147.5	147.5 to 160	160 to 172.5	172.5 to 185	185 to 197.5	197.5 to 210	210 to 222.5	222.5 to 235	235 to 247.5	247.5 to 260	260 to 272.5	272.5 to 285	285 to 297.5	297.5 to 310	310 to 322.5	322.5 to 335	335 to 347.5	347.5 to 360
L2: Rail Length	87.5	100	112.5	125	137.5	150	162.5	175	187.5	200	212.5	225	237.5	250	262.5	275	287.5	300	312.5	325	337.5	350	362.5	375	387.5	400
Pitch L3	75	87.5	100	112.5	125	137.5	150	162.5	175	187.5	200	212.5	225	237.5	250	262.5	275	287.5	300	312.5	325	337.5	350	362.5	375	387.5

*1: When L1 exceeds this table, calculate the length by referring to "How to calculate the length of the mounting rail".



Block length (width) dimensions table

(mm)

		MN4GB1	MN4GB2	MN4G1/2MIX	
		MN4GB1	MN4GB2	MN4GB1	MN4GB2
A	Valve block	10.5	16	10.5	16
B	Supply and exhaust block	16	18	16	18
C	Partition block	10.5	10.5	10.5	10.5
D	Individual wiring	41.2	46.2	43.7	
	T10/T11	83.9	86.4	86.4	
	T10R/T11R	83.9	86.4	83.9	
	T30/T5*	69.4	71.9	71.9	
	T30R/T5*R	69.4	71.9	69.4	
	T6G1	143.6	146.1	146.1	
	T7*	64.4	66.9	66.9	
	T8*	64.4	66.9	66.9	
E	Mixed block			16	

* The end block is included in the wiring block.

4GA/B

M4GA/B

MN4GA/B

4GA/B (master)

4GB

With sensor

4GD/E

M4GD/E

MN4GD/E

4GA4/B4

MN3E

MN4E

W4GA/B2

W4GB4

MN3S0

MN4S0

4SA/B0

4KA/B

4KA/B (master)

4F

4F (master)

PV5G

GMF

PV5

GMF

PV5S-0

3Q

MV3QR

3MA/B0

3PA/B

P/M/B

NP/NAP

NVP

4G*0EJ

4F*0EX

4F*0E

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys (Total Air)

TotAirSys (Gamma)

Ending

MN4GB Series

How to fill out wiring specifications sheet

Not required for standard wiring and double wiring.

● Wiring specifications sheet (example)

* The following example has been filled out in accordance with the manifold specifications sheet on the previous page.

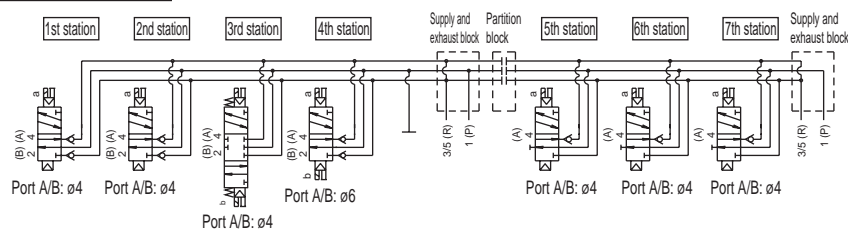
Connector pin No.				Valve No.																							
T50/T50R	T51/T51R	T52/T52R	T53/T53R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1	a																							
2	2	2	2		a																						
3	3	3	3				a																				
4	4	4	4				b																				
5	5	5	5					a																			
6	6	6	6					b																			
7	7	7	7			a																					
8	8	8	8			b																					
9 - power supply	9	9 COM	9																								
10 + (COM) power supply	10	10 COM	10																								
11	11		11					a																			
12	12		12						a																		
13	13		13							a																	
14	14		14																								
15	15		15																								
16	16		16																								
17	17		17																								
18	18		18																								
19 - power supply	19 COM		19																								
20 + (COM) power supply	20 COM		20																								
			21																								
			22																								
			23																								
			24																								
			25 COM																								
			26 COM																								

* Note that when the wiring method is T50/T50R, the COM polarity will be + (positive).

● Notes on wiring specifications

- (1) Fill in and attach to the manifold specifications sheet for anything other than the standard wiring or double wiring. Consult with CKD, as products will be custom made in this case.
- (2) The valve No. is determined by counting the valve blocks only in order from the left with the ports facing forward. Note that this differs from the installation position numbers.
- (3) As the connector pin No. and valve No. differ for each reduced wiring method (T1*/T30/T5*/T6G1/T7*/T8*), fill out the form upon reviewing the notes (pages 816 to 835) for each.
- (4) Wiring (socket assembly) is included with valve blocks with masking plates. A side only for "-MPS". Both A and B sides for "-MPD".
- (5) Double solenoids or 3-position solenoid valves cannot be assembled to "-MPS". Order valve block with solenoid valve and carry out expansion.
- (6) It is not possible to install spare wires for station expansion in advance. Wire the socket assembly of the solenoid valve for expansion of stations. Refer to page 836 for instructions on how to expand stations.

Reference circuit diagram Simplified circuit diagram of manifold model No. (example) from previous page



- * The manifold station numbers are set in order from the left with the piping port facing forward.
(Wiring blocks, supply and exhaust blocks, partition block, and end block are not included in the manifold station No.)
- * Fill in the model No. selected from "Block configurations" (pages 400 to 417) and each specification model No. page.
- * With piping port facing front, arrangement positions are set in order from the left.

MN4GB1 Block manifold specifications sheet

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

● Manifold model No.

MN4GB1 **0R** - - - -

A Model No. B Solenoid position C Port size D Electrical connections E Terminal/connector pin F Option G Station No. H Voltage

When filling in this field, select the model No. from "Block configurations" (pages 400 to 417). (Reduced wiring connection) array (Note: Fill in for reduced wiring.)

Part name (Page)	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 (pages 406 and 407)	N4G1R-T																															
Valve block with solenoid valve (page 402)	N4GB1	0R-	-																													
	N4GB1	0R-	-																													
	N4GB1	0R-	-																													
	N4GB1	0R-	-																													
	N4GB1	0R-	-																													
	N4GB1	0R-	-																													
	N3GB1	0R-	-																													
	N3GB1	0R-	-																													
Valve block with masking plate (Refer to page 402)	N4GB1R-MP-																															
	N4GB1R-MPS-																															
	N4GB1R-MPD-																															
Air supply spacer (page 410)	4G1R-P-																															
	4G1R-P-																															
Exhaust spacer (Refer to page 412)	4G1R-R-																															
In-stop valve spacer Spacer (page 414)	4G1R-IS																															
Supply and exhaust block (Refer to page 404)	N4G1R-Q	-																														
	N4G1R-Q	-																														
	N4G1R-Q	-																														
Partition block (Refer to page 405)	N4G1R-S																															
	N4G1R-S																															
	N4G1R-S																															
End block (Refer to page 405)	N4G1R-E																															
	N4G1R-E																															
Mounting rail	<div></div> L ₂ = * Write an integer multiple of 12.5. (How to determine the length: page 427)	Blanking plug										Silencer										Tag plate (included)				Included parts						
		PG-P2-B					GWP4-B					SLW-H6					SLW-H8					B1		B2								
		GWP6-B					GWP6-B																									
		Cable with D-sub-connector					4GR-CABLE-D0□-□					Push-in fitting tube remover (included as standard) □ Not required (check the box)																				

4GA/B

M4GA/B

MN4GA/B

4GA/B (master)

4GB With sensor

4GD/E

M4GD/E

MN4GD/E

4GA4/B4

MN3E

MN4E

W4GA/B2

W4GB4

MN3S0

MN4S0

4SA/B0

4KA/B

4KA/B (master)

4F

4F (master)

PV5G

GMF

PV5

GMF

PV5S-0

3Q

MV3QR

3MA/B0

3PA/B

P/M/B

NP/NAP

NVP

4G*0EJ

4F*0EX

4F*0E

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys (Total Air)

TotAirSys (Gamma)

Ending

- 4GA/B
- M4GA/B
- MN4GA/B
- 4GA/B
(master)
- 4GB
With sensor
- 4GD/E
- M4GD/E
- MN4GD/E
- 4GA4/B4
- MN3E
MN4E
- W4GA/B2
- W4GB4
- MN3S0
MN4S0
- 4SA/B0
- 4KA/B
- 4KA/B
(master)
- 4F
- 4F
(master)
- PV5G
GMF
- PV5
GMF
- PV5S-0
- 3Q
- MV3QR
- 3MA/B0
- 3PA/B
- P/M/B
- NP/NAP
NVP
- 4G*0EJ
- 4F*0EX
- 4F*0E
- HMV
HSV
- 2QV
3QV
- SKH
- Silencer
- TotAirSys
(Total Air)
- TotAirSys
(Gamma)
- Ending

MN4GB2 Block manifold specifications sheet

● Contact

● Quantity

set (s)

● Delivery date

/

Date issued

/

/

Slip No.

Order No.

Company

Contact

Order No.

● Manifold model No.

MN4GB20R - - - -

A Model No.

B Solenoid position

C Port size

D Electrical connections

E Terminal/connector pin

F Option

G Station No.

H Voltage

When filling in this field, select the model No. from "Block configurations" (pages 400 to 417). (Reduced wiring connection) array (Note: Fill in for reduced wiring.)

Part name (Page)	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 (pages 406 and 407)	N4G2R-T																															
Valve block with solenoid valve (page 402)	N4GB2	0R-	-																													
	N4GB2	0R-	-																													
	N4GB2	0R-	-																													
	N4GB2	0R-	-																													
	N4GB2	0R-	-																													
	N4GB2	0R-	-																													
	N3GB2	0R-	-																													
	N3GB2	0R-	-																													
Valve block with masking plate (Refer to page 402)	N4GB2R-MP-																															
	N4GB2R-MPS-																															
	N4GB2R-MPD-																															
Air supply spacer (page 410)	4G2R-P-																															
	4G2R-P-																															
Exhaust spacer (Refer to page 412)	4G2R-R-																															
In-stop valve spacer Spacer (page 414)	4G2R-IS																															
Spacer pilot check valve (Refer to page 415)	4G2R-PC-M																															
Supply and exhaust block (Refer to page 404)	N4G2R-Q	-																														
	N4G2R-Q	-																														
	N4G2R-Q	-																														
Partition block (Refer to page 405)	N4G2R-S																															
	N4G2R-S																															
	N4G2R-S																															
End block (Refer to page 405)	N4G2R-E																															
	N4G2R-E																															
Mounting rail	L ₂ = <div></div> * Write an integer multiple of 12.5. (How to determine the length: page 427)	Blanking plug										Silencer										Tag plate (included)										Included parts
		GWP4-B					GWP8-B					SLW-H8					B															
		GWP6-B					GWP10-B					SLW-H10																				
		Cable with D-sub-connector										4GR-CABLE-D0□-□																				

MN4GB1/2 Mix manifold specifications sheet

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

Slip No. Order No. Company Contact Order No.

● Manifold model No.

MN4GBX12R - - - -

Ⓐ Model No.

Ⓒ Port size

Ⓓ Electrical connections

Ⓔ Terminal/connector pin

Ⓕ Option

Ⓖ Station No.

Ⓗ Voltage

When filling in this field, select the model No. from "Block configurations" (pages 400 to 417). (Reduced wiring connection)

array (Note: Fill in for reduced wiring.)

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 (pages 406, 407)	N4G <input type="text"/> R-T <input type="text"/>																															
Valve block with solenoid valve (page 402)	N4GB: <input type="text"/> 0R- <input type="text"/>																															
	N4GB: <input type="text"/> 0R- <input type="text"/>																															
	N4GB: <input type="text"/> 0R- <input type="text"/>																															
	N4GB: <input type="text"/> 0R- <input type="text"/>																															
	N4GB: <input type="text"/> 0R- <input type="text"/>																															
	N4GB: <input type="text"/> 0R- <input type="text"/>																															
	N3GB: <input type="text"/> 0R- <input type="text"/>																															
	N3GB: <input type="text"/> 0R- <input type="text"/>																															
Valve block with masking plate (page 402)	N4GB <input type="text"/> R-MP- <input type="text"/>																															
	N4GB <input type="text"/> R-MPS- <input type="text"/>																															
	N4GB <input type="text"/> R-MPD- <input type="text"/>																															
Air supply spacer (page 410)	4G1R-P- <input type="text"/>																															
	4G2R-P- <input type="text"/>																															
Exhaust spacer (Refer to page 412)	4G2R-R- <input type="text"/>																															
In-stop valve spacer (page 414)	4G2R-IS																															
Mixed block (Refer to page 405)	N4G12R-MIX																															
Supply and exhaust block (page 404)	N4G <input type="text"/> R-Q <input type="text"/> - <input type="text"/>																															
	N4G <input type="text"/> R-Q <input type="text"/> - <input type="text"/>																															
	N4G <input type="text"/> R-Q <input type="text"/> - <input type="text"/>																															
Partition block (page 405)	N4G <input type="text"/> R-S <input type="text"/>																															
	N4G <input type="text"/> R-S <input type="text"/>																															
	N4G <input type="text"/> R-S <input type="text"/>																															
End block (page 405)	N4G <input type="text"/> R-E <input type="text"/>																															
	N4G <input type="text"/> R-E <input type="text"/>																															
Mounting rail	L ₂ = <input type="text"/> * Write an integer multiple of 12.5. (How to determine the length: page 427)	Blanking plug															Silencer															Included parts
		PG-P2-B					GWP <input type="text"/> -B					GWP <input type="text"/> -B					SLW-H <input type="text"/>					SLW-H <input type="text"/>										
		GWP <input type="text"/> -B					GWP <input type="text"/> -B																									
		Cable with D-sub-connector										4GR-CABLE-D0 <input type="checkbox"/> <input type="checkbox"/>										Push-in fitting tube remover (included as standard) <input type="checkbox"/> Not required (check the box)										

4GA/B

M4GA/B

MN4GA/B

4GA/B (master)

4GB

With sensor

4GD/E

M4GD/E

MN4GD/E

4GA4/B4

MN3E

MN4E

W4GA/B2

W4GB4

MN3S0

MN4S0

4SA/B0

4KA/B

4KA/B (master)

4F

4F (master)

PV5G

GMF

PV5

GMF

PV5S-0

3Q

MV3QR

3MA/B0

3PA/B

P/M/B

NP/NAP

NVP

4G*0EJ

4F*0EX

4F*0E

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys

(Total Air)

TotAirSys

(Gamma)

Ending

4GA/B
M4GA/B
MN4GA/B
4GA/B (master)
4GB With sensor
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E MN4E
W4GA/B2
W4GB4
MN3S0 MN4S0
4SA/B0
4KA/B
4KA/B (master)
4F
4F (master)
PV5G GMF
PV5 GMF
PV5S-0
3Q
MV3QR
3MA/B0
3PA/B
P/M/B
NP/NAP NVP
4G*0EJ
4F*0EX
4F*0E
HMV HSV
2QV 3QV
SKH
Silencer
TotAirSys (Total Air)
TotAirSys (Gamma)
Ending

Common terminal block (T10/T11) wiring specifications sheet

* Fill in and attach to the manifold specifications sheet for anything other than the standard wiring or double wiring. (Available as made to order)
* Not required with standard wiring/double wiring.

Connector pin No.		Valve No.																							
T10	T11	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1																								
2	2																								
3	3																								
4	4																								
5	5																								
6	6																								
7	7																								
8	8																								
9	9																								
10	10																								
11	11																								
12	12																								
13	13																								
14	14																								
15	15																								
16	16																								
COM	17																								
COM	18																								
	19																								
	20																								
	21																								
	22																								
	23																								
	24																								
	COM																								
	COM																								

D-sub-connector (T30) wiring specifications sheet

* Fill in and attach to the manifold specifications sheet for anything other than the standard wiring or double wiring. (Available as made to order)
* Not required with standard wiring/double wiring.

Connector pin No.		Valve No.																							
T30		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1																									
14																									
2																									
15																									
3																									
16																									
4																									
17																									
5																									
18																									
6																									
19																									
7																									
20																									
8																									
21																									
9																									
22																									
10																									
23																									
11																									
24																									
12																									
25																									
13 (COM)																									

Flat cable connector (T50/T51/T52/T53) wiring specifications sheet

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

* Not required with standard wiring/double wiring.

Connector pin No.				Valve No.																							
T50	T51	T52	T53	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	1	1	1																								
2	2	2	2																								
3	3	3	3																								
4	4	4	4																								
5	5	5	5																								
6	6	6	6																								
7	7	7	7																								
8	8	8	8																								
9 - power supply	9	9	COM	9																							
10 + (COM) power supply	10	10	COM	10																							
11	11		11																								
12	12		12																								
13	13		13																								
14	14		14																								
15	15		15																								
16	16		16																								
17	17		17																								
18	18		18																								
19 - power supply	19	COM		19																							
20 + (COM) power supply	20	COM		20																							
				21																							
				22																							
				23																							
				24																							
				25																							
				COM																							
				26																							
				COM																							

* Note that when the wiring method is T50/T50R, the COM polarity will be + (positive).

Serial transmission (T6G1/T7*) wiring specifications sheet

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

* Not required with standard wiring/double wiring.

Serial transmission	Connector pin No.		Valve No.															
	T6G1	T7*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Connector type T6G1: CC-Link 16 points	1	1																
	2	2																
	3	3																
	4	4																
	5	5																
	6	6																
	7	7																
	8	8																
	9	9																
	10	COM																
	11	11																
	12	12																
Thin slot-insertion type T7D1: DeviceNet 16 points T7G1: CC-Link 16 points T7L1: SAVE NET 16 points T7S1: CompoNet 16 points (NPN) T7SP1: CompoNet 16 points (PNP)	13	13																
	14	14																
	15	15																
	16	16																
	17	17																
	18	18																
	19	19																
	20	COM																

4GA/B

M4GA/B

MN4GA/B

4GA/B (master)

4GB

With sensor

4GD/E

M4GD/E

MN4GD/E

4GA4/B4

MN3E

MN4E

W4GA/B2

W4GB4

MN3S0

MN4S0

4SA/B0

4KA/B

4KA/B (master)

4F

4F (master)

PV5G

GMF

PV5

GMF

PV5S-0

3Q

MV3QR

3MA/B0

3PA/B

P/M/B

NP/NAP

NVP

4G*0EJ

4F*0EX

4F*0E

HNV

HSV

2QV

3QV

SKH

Silencer

TotAirSys

(Total Air)

TotAirSys

(Gamma)

Ending

4GA/B
M4GA/B
MN4GA/B
4GA/B (master)
4GB With sensor
4GD/E
M4GD/E
MN4GD/E
4GA4/B4
MN3E MN4E
W4GA/B2
W4GB4
MN3S0 MN4S0
4SA/B0
4KA/B
4KA/B (master)
4F
4F (master)
PV5G GMF
PV5 GMF
PV5S-0
3Q
MV3QR
3MA/B0
3PA/B
P/M/B
NP/NAP NVP
4G*0EJ
4F*0EX
4F*0E
HMV HSV
2QV 3QV
SKH
Silencer
TotAirSys (Total Air)
TotAirSys (Gamma)
Ending

Serial transmission (T8*) wiring specifications sheet

* Fill in and attach to the manifold specifications sheet for anything other than the standard wiring or double wiring. (Available as made to 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
T8G1	CC-Link	NPN	16 points	1																								
T8G2			32 points	2																								
T8GP1		PNP	16 points	3																								
T8GP2			32 points	4																								
T8P1	PROFIBUS-DP	NPN	16 points	5																								
T8P2			32 points	6																								
T8PP1		PNP	16 points	7																								
T8PP2			32 points	8																								
T8EC1	EtherCAT	NPN	16 points	9																								
T8EC2			32 points	10																								
T8ECP1		PNP	16 points	11																								
T8ECP2			32 points	12																								
T8EN1	EtherNet/IP	NPN	16 points	13																								
T8EN2			32 points	14																								
T8ENP1		PNP	16 points	15																								
T8ENP2			32 points	16																								
T8D1	DeviceNet	NPN	16 points	17																								
T8D2			32 points	18																								
T8DP1		PNP	16 points	19																								
T8DP2			32 points	20																								
T8EB1	CC-Link IEF Basic	NPN	16 points	21																								
T8EB2			32 points	22																								
T8EBP1		PNP	16 points	23																								
T8EBP2			32 points	24																								
T8EP1	PROFINET	NPN	16 points	25																								
T8EP2			32 points	26																								
T8EPP1		PNP	16 points	27																								
T8EPP2			32 points	28																								
				29																								
				30																								
				31																								
				32																								