MW4G4 Series

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 GMF** PV5S-0

3Q

MV3QR 3MA/B0 3PA/B

P/M/B NP/NAP

4G*0EJ 4F*0EX

4F*0E

HMV HSV

2QV 3QV

SKH

Silencer

TotAirSys (Total Air) TotAirSys

How to fill out manifold specifications sheet 4GA/B Manifold model No. (example) M4GA/B Solenoid position Common terminal block MN4GA/B

Port size Rc3/8 2 types or more left-sided specification GB4 8 0-T10 10 Wiring method A Model No. B Solenoid position Port size Option Terminal/connector pin array

When filling in this field, select the model No. from Block configurations (pages 1146 to 1156), pages 1125, 1131, 1132.

		·																		
	Part name	Model No.								Insta	allatio	n pos	ition							Quantity
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
	End block	NW4G4-E L		0																1
	(page 1149)	NW4G4-E R				_						0								1
	Wiring block (page 1153)	NW4G4-T 10			0		lanifol		on No.											1
		NW4GB4 1 0- 10 -				8														1
		NW4GB4 2 0- 10					0	0	0	0		lanifol 6th sta	d station	on No.						4
	Valve block with solenoid valve (pages 1125, 1131, 1132)	NW4GB4 3 0- 10 -									7									1
	(pages 1125, 1151, 1152)	NW4GB4 0																		
		NW4GB4 0																		
	Valve block with	NW4GB4-MP																		
	masking plate (page 1148)	NW4GB4-MP																		
	Partition block (page 1150)																			
1156)	Independent supply spacer	W4G4-P-																		
Spacer (page 1156)	Independent exhaust spacer	W4G4-R-																		
Space	Spacer regulator (Custom order)	W4G4-SR-																		
Others	Partition plug	M4TB3-NCP																		
Ö	(page 1155)																		2x	
	Silencer (resin)	SLW-15A																		
oduct		GWP8-B																		
Attached product	Blanking plug	GWP10-B		L	ist the	e num	nber c	of unit	s to b	e use	d in t	he qu	antity	field	on th	e righ	t.			
Attac		GWP12-B																	_	
	Cable clamp (page 1155)	W4G-																		

Preparing manifold specifications sheet

- Complete from the left end, with the piping port facing forward, regardless of the wiring block method. (Write the block model numbers and positions you determined referring to the block configurations (pages 1146 to 1156).)
- Write the total number of blocks specified in the required quantity field at the table far right.
- Mark a circle for attached products that are required.
- As there are manifold specifications sheet for each of the various series, fill in the form for the corresponding specifications.Page 1182

MW4GB4 (Base side piping)

Contact CKD to place an order.

MW4G4 Series

How to fill out the wiring specifications sheet (T10 AC specifications only)

This is not required with standard wiring/double wiring.

Wiring specifications sheet (example)

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

onnector pin or terminal block No.	Valve No.															
T10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1		а														
2		b														
3	а															
4																
5			а													
6			b													
7				а												
8				b												
9					а											
10					b											
11						а										
12						b										
13																
14																
15																
16																
СОМ																
COM																

Notes on wiring specifications sheet

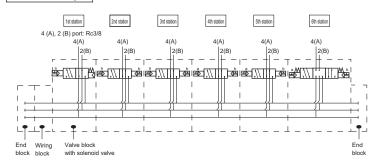
- (1) Fill in and attach to the manifold specifications sheet for anything other than the standard wiring or double wiring. Consult with CKD, as products will be made to order in this case.
- (2) The valve No. is determined by counting the valve blocks only in order from the left with the ports facing forward. Note that this differs from the installation position numbers.
- (3) The valve block with masking plate is wired in advance.
 - "-MPS" will be wired on only the a side while "-MPD" will be wired on the a and b sides.
- (4) Double solenoids or 3-position solenoid valves cannot be assembled to "-MPS".

Order valve block with solenoid valve and carry out expansion.

Refer to page 1176 for instructions on how to expand stations.

(5) It is not possible to install spare wires for station expansion only in advance. Install a valve block with a masking plate.

Reference circuit diagram The circuit diagram of the manifold model No. (example) on the previous page is as shown below.



- · [_ _] indicates each block configuration.
- · The manifold station numbers are set in order from the left with the piping port facing forward. (* The wiring blocks and end block are not included in the manifold station No.)
- · Select a model No. from the block configurations (pages 1146 to 1156) and individual wiring, reduced wiring manifolds (pages 1125, 1131, 1132).
- With piping port facing front, arrangement positions are set in order from the left.

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 (master)

PV5G GMF PV5 GMF

PV5S-0

3Q

MV3QR

3MA/B0 3PA/B

P/M/B

4G*0EJ 4F*0EX

4F*0E

HMV

HSV 2QV 3QV

SKH Silencer

TotAirSys (Total Air TotAirSys

Ending

4GA/B	N	IW4GB4 E	Block	m	an	ifo	ld	sp	oec	ifi	ica	tic	on	s s	sh	ee	ŧ																
M4GA/B	• C	Contact			• (Quant	ity			Set	t	•) De	liver	y da	te			/			Issued / /											
MN4GA/B		Slip No.									0		r N										C	omp	any								
	N	lanifold model No	٠.																				<u>C</u>	Cont	act								
(master) 4GB	ı	MW4GB4		0-	[1 _	-			[[;	_	[٦.	. [-}	<u>C</u>	Orde	r No								
With sensor	•	AModel No. B			 ⊙ Po	ort siz	e.	D V	Viring	me	thod	1	(Optic	n n		©	Statio	on N	o. (Vol	 tage	:										
4GD/E M4GD/E	- W	hen filling in thi	is field, s	sele	ct th	ne m	ode	ıl No			rmina Bloc							ges	: 11	46 t	o 1	156), p	age	es 1º	125	, 11	31,	1132.				
MN4GD/E		Part name				Mo	del No	ı.										_	Ins	tallatio	n posi	tion		_					Quantity				
4GA4/B4			NW4G4-E										1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
MN3E		End block (page 1149)	NW4G4-E																														
MN4E		Wiring block (page 1153)	NW4G4-T	-																													
W4GA/B2		3 (13 17)	NW4GB4		0-		1-1			1-[
W4GB4			NW4GB4		0-		-			1-1																							
MN3S0 MN4S0		Valve block with solenoid valve (pages 1125, 1131,	NW4GB4		0-		-			-																							
4SA/B0		1132)	NW4GB4		0-		-			-		==																					
4KA/B			NW4GB4		0-]-			-																							
4KA/B (master)		Valve block with masking plate (page 1148)	NW4GB4-N			-		-																									
4F		Partition block (page	NW4G84-N			-		<u>- </u>	<u></u> j																								
4F	1156)	Independent supply	W4G4-P-	DA-		. <u>i</u>																											
(master) PV5G	age 11	Independent exhaust	W4G4-R-																														
GMF	Spacer (page	Spacer regulator (custom	W4G4-SR-	1		1																											
PV5 GMF		order)	M4TB3-NC	:P		.1										Т	Т		Т	Т			Т	Т	1	Т	T						
PV5S-0	Others	Partition plug (page 1155)	M4TB3-NC	M4TB3-NCR													\dagger			T				1	†	\dagger			2x				
3Q		Silencer (resin)	SLW-15A																			!											
MV3QR	duct		GWP8-B																														
3MA/B0	Attached product	Blanking plug	GWP10-B										Li	st the	e nui	mbe	r of u	nits	to be	use	d in	the c	luan	itity 1	ield c	n the	e rigl	nt.					
	Attac		GWP12-B																														
3PA/B		Cable clamp (page 1155)	W4G-																														
	• V	Viring specification	n sheet (N	lot re	quir	ed fo	r sta	nda	rd wir	ing	and	dou	ıble	wirir	ng.)																		
NP/NAP NVP	Co	nnector pin or terminal	block No.	1		2	3		4		5	6		7		Val	ve No	9	10)	11		12	1	13	14		15	16				
4G*0EJ		1			1										1					1				1									
4F*0EX		3			\pm										\pm					\pm													
4F*0E		4 5			+								+		+		-			+				+			+						
HMV		6			#										#					\downarrow		#											
HSV		7 8							+		+		-			+		+		+			+										
2QV 3QV		9													1																		
SKH		10			\pm															\pm													
Silencer		12 13			\perp						-		$-\Gamma$		+					\perp				+	-								
TotAirSys (Total Air)		14																		\downarrow													
		15 16			+								+		+					+				+			+						
TotAirSys (Gamma)		COM											4							1				-			1						
Ending	*1: F	Refer to page 118	4 for T7* i	mani	fold	spec	ifica	tions	shee	et.																							

С	Contact			● Qı	uantity	y		Set	•	Deli	very	date			,	/				ls	sue	d		/		/
,	Slip No.								Orde	r No										Co	ompa	any				
N	/lanifold model No																		-	C	onta	act				
Į	MW4GZ4	()-			- [-				1	- [_	[1	0	rder	No	•			
	AModel No. B			Por	t size	• 0	Wiring	metho	od	6 0	ption	1	12.	@ S	Statio	on N	o. (Volt	age							
										connector pin array configurations (pages 1146 to 1156), pages 1125, 1131, 1																
W	hen filling in thi	s field, s	elec	t the	e mo	odel N	No. fro	m Blo	ock c	onfi	gura	atio	าร (เ	oag	ges), pa	age	s 1	125	, 11	31,	1132.
	Part name				Mode	el No.				1	2	3	4	5	6	Insta	allation 8	n posit	ion 10	11	12	13	14	15	16	Quantity
_		NW4G4-E	<u> </u>							•	_		·			-				•						
	End block (page 1149)	NW4G4-E	 																							
	Wiring block (page 1153)	NW4G4-T																								
		NW4GZ4		0-		- [-				\top														
		NW4GZ4		0-		-		l - [\top													
	Valve block with solenoid valve (pages 1125, 1131, 1132)	NW4GZ4		0-		<u> - </u>]-[
		NW4GZ4		0-		- [-																		
		NW4GZ4		0-	,	-[<u> -[</u>			Ţ			J												
	Valve block with masking	NW4GZ4-M	Р	-		- [
	plate (page 1148)	NW4GZ4-M	Р	-	<u> </u>	-	<u></u>																			
	Partition block (page 1150)	NW4G4-S	Α-																							
pacer(page 115	Independent supply spacer	W4G4-P-																								
	Independent exhaust spacer	W4G4-R-										4														
n n	Spacer regulator (custom order)	W4G4-SR-	<u> </u>								\perp	\perp	\perp				\perp	\perp						_		
Sieis	Partition plug (page 1155)										+	-	+		+	-	+	+	+		+	+	+	+		
_	Silanear /		4TB3-NCR																							2x
5	Silencer (resin)	SLW-15A GWP8-B																								
nnord n	Blanking plug	GWP8-B								List the number of units to be used in the quantity field on the right.																
Atlactied product	_ annual prog	GWP10-B								LIS		null	1001 C	ı ul	mo l	DE	43C	ا 111 ل		_l uai il	ary II	oiu C	,,, UI	o ng		
•	Cable clamp (page 1155)	[
1/	Viring specification		ot ro	auiro	d for	etana	lard wir	ing on	ול למיי	hle :	wirin	a)														
	onnector pin or terminal		ot 16	quile	,u 101	SIGIIC	aiu Wil	ing an	u uou	אופ /	vil II I	y. <i>)</i>	Valve	No.												
	T10		1		2	3	4	5	6		7		8	9	9	10		11	+	12	1	3	14	1	15	16
	2																		1							
	3 4																		+							
	5																		\perp							
	6 7																		\pm							
_	8														\exists				+					$-\Gamma$		
	10																		1							
	11 12																		+							
	13																		#							
_	14 15											+					+		+							
	16				_														\downarrow							
	СОМ			+					+	+		+			\dashv		+		+		\vdash					+

^{*1:} Refer to page 1184 for T7* manifold specifications sheet.

4GA/B	N	/W4G4□	Block manifold sp	e	cif	fic	at	io	ns	S	h	ee	t (ſfο	r -	Г7	*)									
M4GA/B		Contact	Quantity		Set					ery d			ď							Issu	ıed		/		/	
MN4GA/B		Slip No.	Quantity		361	Г		ler N		БІУС	Jaic	;								Com	pany	/				
4GA/B		Manifold model No						-													ntac					
(master)	_	,,	, ,, ,,	;	;		1 1-			-;	r			;	ſ		;			Ord	er N	Ю.				
4GB With sensor			O-	thod	⊕ To	rmin] [al/ @	a Or	otio	•	- [@ S	tatio	n N	- [D \/c	ltac	10								
4GD/E	•	Piviodel No. 930k	Note	uiou	CO	nnec n arra	tor	JO!	Juoi			O 0	otatic	ואו ווע	J. U	VC	лау	je								
M4GD/E					Pιι	i uiic	4.9									l	Note	e: Th	ere	is no	rigl	nt si	de (l	R) sp	ecifi	cation.
MN4GD/E	Wh	en filling in this fi	eld, select the model No. from E	Bloc	ck c	onf	igur	atic	ons	(pa	ges	114	46 t	o 1	156), pa	age	s 1′	125	, 11	31,	113	32.			
4GA4/B4		Part name	Model No.									lr	nstal	latio	n po	sitio	n									Quantity
MN3E		Tarriane		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	Quartity
MN4E		End block	NW4G4-E																						\downarrow	
W4GA/B2		I/O block	NW4GB2-IN-																					\square	\dashv	
W4GB4			NW4GB2-OUT-																					Ш	\dashv	
MN3S0 MN4S0		Wiring block	NW4G4-T7																					Ш	\dashv	
4SA/B0			NW4G[]4[]0-[]-[]-[]																						_	
4KA/B		Valve block	NW4G 4 0																					\sqcup	\dashv	
4KA/B		with solenoid valve	NW4G 4 0																						4	
(master)			NW4G[]4[]0-[]-[]-[]																					\vdash	\dashv	
4F		Valva blask	NW4G 4 10																					Н	\dashv	
4F (master)		Valve block with masking	NW4G 4-MP -																						\dashv	
PV5G	_	plate	NW4G 4-MP																					\vdash	\dashv	
GMF PV5	Spacer	Independent supply spacer Independent exhaust spacer																							\dashv	
GMF		Silencer (resin)	SLW-15A																					Ш	\dashv	
PV5S-0	product	Silencer (resili)	GWP8-B																						}	
3Q	0	Blanking plug	GWP10-B				List	the i	num	ber o	of ur	nits to	o be	use	d in	the	quar	ntity	field	on	the r	ight			-	
MV3QR	Attack	Dialiking plug	GWP12-B																						-	
3MA/B0		block is side wiring	only. Refer to page 1154 for the mode	l No	o. of	I/O b	olock	ζ.																		
3PA/B	* As	one side is for air su	upply and one side is for exhaust, use upply and one side is for exhaust, parti	the	supp	oly s	расе	er or							erati	ng v	alve	s si	mult	aneo	ously	/.				
P/M/B																										
NP/NAP NVP																										
4G*0EJ																										
4F*0EX																										
4F*0E																										
HMV HSV																										
2QV 3QV																										
SKH																										
Silencer																										

Ending

TotAirSys (Total Air) TotAirSys (Gamma)