Manifold specifications sheet

4GA/B

MN3E/MN4E Series

How to fill out MN3E/MN4E Series manifold specifications sheet

14GA/B	Manifold n	nodel No	o. example	(To i	inclu	de d	dum	my t	lock	s, se	elect	mix	mai	nifo	ld ai	nd w	vrite	the	stat	tion	No	. inc	clud	ing	the	nur	nbe	r of	dum	ւՠչ	/ bloc	ks.)		
N4GA/B	MN 4	4 E	0 8	() -	-	С	Χ	_		R		_	N	Λ	-	• T	5	OF	R)2		[W			F	-	_	- [10)	_	3
GΔ/R	A Moo	lel No.	Solenoid p	ositio	n (0 P	ort	size	D	Adju	istm	ent (BÏ	Лап	iual		F	W	irin	g			G T	erm	inal	/ G	0	ptic	n	Ĩ	D Sta	ation	No.	J Voltage
naster)	· When filling in	this field, s	elect the mode	l No. fi	rom "	Bloc	k cor	nfigur	ation	tunc s" (pa	ages	922 1	C to 93	2).	rride	Э		m	ethe	od			с р	onr in a	rray	or /		(Fo	r the	ma	nifold	mod	el No	., refer
GB	Complete from	the left en	d, with the pipir	ng por	t in th	e fro	ont, re	egaro	lless	of the	e wiri	ng bl	ock r	neth	od.													\to	page	s 81	74, 87	8, 89	98 an	d 902 /
																	Lay	out	pos	itio	n				-								0.5	
GD/E	Part name		fodel No.	1	1 2	3	4	5 6	5 7	8	9 1	0 11	12	13	14	15 1	6 1/	18	19	20	21	22	23	24 2	25 26	6 21	28	29	30	31	32 33	34	35	36 Quantity
4GD/E	VVIIIIg DIOCK	N4E0-T	JUN	+						$\left \right $	_	-	-			4	+						+	+	-	+	+			+	+	+		
N/GD/E	Layout when in	cluding including	dividual wiring	mix	0	0						+	+			+							+	+	-	+		-		+	+	+		2
INHOD/L	Valve	N	00 0-	1				ndivi	dual	wirin	ng s	peci	ficat	ion												1								
GA4/B4	block 7 mm pitch	N E00 0-					\Box								\square																			
IN3E		N E	00 0-] ,			Man 10th	stat	stat ion	ION P	10.:						_						_			_				\square	_	_		
N4E	Valve					A				\square		_	-										_	+		_	-			\neg	_	+		
GA/B2	block	N 3 F	0 1 0- C	0 4				\cap		\vdash	_	-	-			lanif	fold s	stati	ion l	No.	:	-	+	+		+	-			-	+	-		1
4GB4	10 mm pitch	N 3 E	0 2 0- C	4							$\overline{\mathbf{a}}$	+			1	st st	ation	۱ ا	-	-	Ӈ		+	+	-	+	-			+	-			2
13S0		N 3 E	0 3 0- C	4							_	C	0	0	\square								+	+		+				+	-	+		3
14S0	Dummy	N4E0-M	IPS																															
A/B0	block	N4E0-M	IPD						0	0																					_			2
Δ/R	Supply and exhaust	N4E0-Q	Z-8-S												_	_	_						_	_		_	_			$ \rightarrow$	_	_		1
Λ/D	block	N4E0-Q	1-8 1111111	[]							_	-	-		0		_					_	-	+	_	-	-	-		+	_	+		1
aster)	Regulator	N4E0-R	A - FL - C	28		+	\cap				_	-	+		-	-							+	+	-	+	-	-		+	+	+		1
=	block	N4E0-R										+	-			-							+	+		+	+			+	-	+		
		N4E0-R	. [[]]-[]]-[]																															
ister)	End	N4E0-E		()																													1
5G	DIOCK	N4E0-E	[]																										μ					
'5	Mounting rail	L2=		F	1 0			a?	Blan	king	plug	g (foi	r pus	sh-ii	n fitt	ting)		~				<i>a</i> (2	Si	lenc	er			Pusl	h-in lot re	fitting	tube (checl	remo (the b	ver (xc
ЛF					01.0			03	Bart	bed t	hrea	4 aded	fittir	na fe	or ø	18	tube	(10) pc:	s /s	et)	90				00	Ca	ble	with	D	sub-r	conr	ecto	r ≥
5S-0									N4E0-JOINT-PTN2-M3 N4E0-JOIN										N4	E0	-J0	NT	-PT	N2-	6	-	N4T	-CA]					
)			Socket assembly for power supp									ply ((for individual wiring, AUX)										N	Niriı	ng b	locl	r	Acc						
`		/ w		N4E0-SOCKET-[]-[]										3M0)-SC			N	4E0	-т№	I-CC	ONN	IEC.											
BQR		(m	ultiple of 12.5.	<u> /</u> •	14E0)0-S	OC	KET	-]-[]			N	4E0)0-S	OCK	(ET	-SE	Т														
/B0	Preparing	manifold	specification	ons s	shee	et																												
A/R	Complete fi (Write the I	rom the le	eft end, with t del numbers a	he pip and p	oing ositi	port ons	tac you	ing f dete	orwa ermii	ard, r ned i	ega refer	rdles	ss of to th	t the he b	e wir blocł	ing (coi	bloci nfigu	k m Irati	ethc ons	od. (pa	ages	s 92	22 to	93	2).)									
VD	 Indicate the Indicate the 	e total nur	nber of block	s des	igna sorie	ted	in th	ne re	quire	ed qu	uant	ity o	n the	e rig	ght c	of the	e tab	le.																
/B	 Indicate the 	mountin	g rail length.	(For I	engt	hs c	othe	r tha	n the	e sta	nda	rd le	ngth	n on	ly, w	vrite	an i	nteg	ger i	mul	tiple	e of	12.	5.)										
IAP	Obtaining	the DIN	rail length																															
	Obtain the mo	ounting ra	il length and	pitch	base	ed o	n the	e ma	anifo	ld lei	ngth	(L ₁)			VVII	ring	DIO	CK	aim	en	sior	IS I	abi	e (I a b	ncii Iool	uali	ng e	ena	DIO	CK))		Dim	nciono (mm)
UEJ	The rail length obta	ined here is	the standard lengt	th, and	does	not ne	eed to	be in	dicate	ed in th	ie spe	ecificat	tions.		T3()(N)	/T30	(N)	R		L	.eft	or r		42.4									
0EX	Turcate the length in the specifications only when different from the standard length.													T5'	*/T5	*R			.eft	or r	ight diat	wiri	ing	bloc	k k						42.4			
	Manifold leng	th I 4 – (7	block b	lock	⊥(7v	blo	ck								TM	*x2						nter	me	diat	e wi	iring	j blo	ock :	k 2 p	ocs				43.2 55.2
	Marinola leng	Sup	ply and I	Regula	ator	Wi	iring	block								*+T	3*/T	5* 30P	/T5	*P	ıl	oft	nedi	ate	wiring	g blo	riah	left	or rig	jht v	viring	block	(54.4
		exh + (15	aust block t	block 0 x) +	(in ⊦	cludi	ng er Se	nd blo lect fr	ock) om th	e tab	le at r	ight.		T6'	*	, , , ,		/10		5	Seria	al tr	ans	mis	sior	n de	vice	unit	t				115.6
V	Mounting rail	ength L2	= L ₂ ' x 12.5										0		T7'	• =C*					5	eria	al tra	ansr	nissi nissi	ion o	devid	ce u	nit (c		e con	itact)		73.1
V	L2' :	$=\frac{L_1+25}{12.5}$	\rightarrow Round up to th	ne first o	decima	al pla	ce. Ra	ail mo	unting	j pitch	L3 =	L ₂ - 12	2.5														1	u	(C		L	2	<u></u>	
Н	12.5			L1								,	12.5	5 to	► .	1	mh-	of 7	m	اماس	اسرر	0 L I	nel-					L		L3	=L2-1	12.5)	
ncer		(7xn1)+	(10xn2)+(7xk	<)			30×	d	15.5x	m ►					n1 n2	1 : NU 2 : NU	imber	of 1	0mm	wide	; vaiv e valv	e DI0 /e bl	JUKS locks		6.2	25				12.	5			
irSvs				16		51	_								m	: nu	imber imber	of su	upply	and tor h	l exh	aust	bloc	ks	5 2									
al Air)	End	Ĭľ				51	Regu blo	ulator ock	Supply exha	and N ust	/Virir bloc	ng k			k	: nu	imber	of di	umm	y blo	ocks				2	¥							_	
AirSys				<u> </u>	1				bloo	ж																	T	P	Ψ	-(71	9	Ċ	
u/				Num	bers a	ire as	signe	d from	the le	eft with	the p	oort fa	cing fo	orwar	rd.												F							
ding	1	∠ 3 4	+ —— Layout * The valv	e number	is are a	ssigne	(Sei d sequ	entially	across	the valv	n all e block	s and c	JKS) lummy	blocks	s, and a	are the	refore d	lifferer	nt from	ı the la	ayout p	ositio	n num	bers			~	8						
95	6 🕻	КП																																

MN3E	/MN4E Serie	es	m	a	nif	fo	ld	S	р	ec	if	ica	at	tio	n	IS	S	h	ee	et																	4GA/B
Contact		Qı	uant	tity				set	(s)				D	eliv	ery	y da	ate		/							1	ssu	ed			/		/	/			M4GA/B
Slip No.										Order No.														C	om		MN4GA/B										
Manifold	model No. (To include due	omul	block			miv	mor	ifold	200		o the	o oto	tion	No	ino	Judir	a th	20.0	umb	or	of du	mm	v blo	ok		<u>C</u>	Con	tad	ct								4GA/B
7/10 mm pito	ch mix manifold	iirriy i	DIOCK	(5, 56	elect	mix	mar	moia	ano	i writ	eun	e sta	lion	I INO.	Inc	Juan	ıg u	ie n	umb		JI UU		y Dic	JCK	5.)	0	Drd	er	No								(master)
MN	EX0	-[]			_	-]—	[_			-	-[](For th No., i	he ma refer	anifold to pag	l mod ge 920	lel)	With sensor
7 mm pitch ma	anifold				,					,			,				,						,		,		,				/	For t	he m	anifol	d'	\	4GD/E
MN	E00 0	-			-	-			_](mode page	el No s 874	., refe 4 and	er to 878 /)	M4GD/E
10 mm pitch m	nanifold								1											1											-1/	For	the r	nanif	old		MN/CD/E
						• 	A 11]	- 				\			Т											-l		/- 1	1	page	es 89	o., re 98 ar	nd 90	0 02/	WIN4GD/E
A Mod	position	C	PC	ort s	size	U	Adju func	istmei tion	nt	0	verr	ide	Ð	met	tho	g u od	pi	n arra	ai/con ay	mecu			ρτιο	n	U	Stati	on N	0.	J	/01	ag	e					4GA4/B4
· When fillin	g in this field, select the	e m	ode	el No	o. fr	om	"Bl	lock	co	nfig	jura	atior	าร"	(pa	ige	es 9)22	to	932	2).																	MN3E MN4E
	from the left end, with t	ine p	SIDI	ng p	oort		tne	Troi	nt, I	rega	ardi	ess		r the	• w	/irin	g r		ск n	net		d.													-		W4GA/B2
Part name	Model No	1	2	3 4	1 5	6	7	8	9	10 1	1 1:	2 13	14	15	L 16	∟ayo	JUT 18	p os 19		1 21	22	23	24 3	25	26	27	28 2	29	30	31 3	2	33 3	4 34	5 36	ู่ดูแล	ntitv	WACDA
Wiring block	N4E0-T	+							-		. 14			10						-1						4									audi		MNI2CO
	N4E0-T																																				MN4S0
Layout when ir	ncluding individual wiring mix																																				4SA/B0
Valve block	N0	\square			_				_			_																	+		+	+	_				4KA/B
7 mm pitch	N E00 0-	\vdash	_	_	+	-			+	_	+	+-										_	+	_	_	+	+	_	_	+	+	+	+	-	-	_	4KA/B
	N E00 0-	$\left \right $		-	-				-	_	-	-											+			+	+			+	+	+	+		-		(master)
Valve	N E00-																																1				4F
10 mm pitch	N E00																																				4F (master)
	N E0																										_			_	_						PV5G
Dummy	N E0 0-		_	_	_				_		-	-				-							_	_	_	_	_	_	_	+	_	_	+	_	-	_	GMF PV5
block	N4E0-MPS			-								-											-				-			+			-				GMF
Supply and	N4E0-Q	\square	-	-	-				+		+	-											+			+	+			+	+	+	+			-	PV5S-0
exhaust block	N4E0-Q[]-[]-[]																																				3Q
	N4E0-Q[]-[]-[]-[]																																				MV/2OP
Regulator block	N4E0-R		_	_	_	-			_		_	-										_	_		_	_	_	_	_	+	_	_	_	_	-	_	IVI V J QI
	N4E0-R								_		-	-											-			-	+	-	_	+	-		+			_	3MA/B0
End	N4E0-E								+		-												+			-	+			+	+	-	+			-	3PA/B
block	N4E0-E																																				P/M/B
Mounting rail	L2=[]					В	lanl	king	plu	g (fc	or pi	ush-	in f	fitting	g)								Si	len	cer			F	Push	-in fi	tting	g tub	e ren	nover			NP/NAP
		ø1.	.8			ø3			Ø	4	1 1:11		Ø	5 ~1 (<u> </u>	lha	Ø8	3	- /o		Ø	6			ø8		ahl		INC								NVP
		N4	EO-J	JOIN	IT-P	<u>⊟</u> TN2	earb 2-M3	<u>ea</u> t 3	nrea	adeo N4E	ם חונו 0-J(тог Г-Р	Ø1.0	-M	ube 15	(10	N4	s./se IEO-	et) -JO		-PT	N2-	N2-6			арі Т-С	e w :Ae		ט s -D0	ub-);	con	inec	TOF	1033	Inee:	4G*0EJ
			5	Sock	ket a	asse	mb	ly fo	r pc	wer	su	oply	(fo	or inc	livi	idua	l wi	iring	g, Al	UX)			-	Wir	ing	blo	ck	ТМ	1 co	onn	nect	or				4F*0EX
	/ Write an integer	N4	1E0-	-so	СКЕ	:T- []].	-[]]]					31	/10-S	00	СКЕ	ET-8	SET	Γ				N	4E	0-TI	M-C	:01	INE	C	OR	2]		4F*0E
* Tho max inu	multiple of 12.5.	N4	E00	-SO		ET-	the	-[]	ing	mot	1 hod	N4E	E00-	SC	ск	ET	-SE	Т																		HMV
individual wi	iring are mixed. Individual	wirir	ng is	s not	ava	ailab	le f	or th	ie T	X w	iring	g me	etho	od.																							HSV
Refe The	erence circuit diagram circuit diagram of the mar	nifold	l (ex	kami	ole)	on t	he	prev	ious	s pa	ae.	Use	fo	r ref	ere	ence).																				ZQV 3QV
10th	station 9th station		_[8th s	station	1	71	th sta	tion	6tł	n statio	on 5th :	statio	n 4	4th	statio	on				3rd	statio	on	~	2nd	stati	on	~	1st	stati	ion			~	,		SKH
			+-		 	+ +			+	•		+-					-+ -+	+		+		- An	+ + 1	+			+ + 	+				+	+	- ++ (Pi - ++ (Pi	R) A)		Silencer
k side		,≤→			4(A) 4(A)	• • •			4(A)	•					(b)						1(P)				1(P)		- 4 		1(P)		(¥)					sk side	TotAirSvs
d bloc		5		(R)	(B) 2(B)	j	Γ		2(B)			İ		ίſ	(R)		<u>[]</u>				3(R)				3(R)			ĺ	3(R)		5(B)		Ĭ	ĺ		ng bloc	(Total Air)
ш фе				¢″				., 							×°	9		Par	rtition S	5	¢″³	ġ.			¢°°≩	ģ.			¢"	¥ م				H(R)	Wirir	IotAirSys (Gamma)
¦_ ⊢]_▲	Pegu		<u>.</u>							 ית		t_ v Du		J_+ v				J Supr	plv an	J nd				<u> </u>				<u>+</u>				<u> </u>	++	and)		Ending
	block	(blo	ock	blo	ck	,				exha	aust b	lock												e)	xhaus	t block	ι.	_	
																														C			U			9	57