

Pilot operated 3, 5-port valve

(M)(MN)4G*1 to 3 Series

(M)(MN) 4G* 1 to 3 Series

Cartridge push-in fitting and related parts

Cartridge push-in fitting and related parts Discrete

●Cartridge push-in fitting

Model No.	Fitting		Part model No.	Parts diagram	Quantity
(M)3GA1 (M)4GA1 M3GB1 M4GB1	Barbed		4G1R-JOINT-CF		1 each
	Metric size Push-in	Straight	4G1R-JOINT-C18		
		Short elbow	4G1R-JOINT-CL18		
		Long elbow	4G1R-JOINT-CLL18		
		Straight	4G1R-JOINT-C4		
		Short elbow	4G1R-JOINT-CL4		
		Long elbow	4G1R-JOINT-CLL4		
		Straight	4G1R-JOINT-C6		
		Short elbow	4G1R-JOINT-CL6		
		Long elbow	4G1R-JOINT-CLL6		
		Straight	4G1R-JOINT-C8 (*)		
	Inch size Push-in	Straight	4G1R-JOINT-C3N		
		Short elbow	4G1R-JOINT-CL3N		
		Long elbow	4G1R-JOINT-CLL3N		
		Straight	4G1R-JOINT-C4N		
		Short elbow	4G1R-JOINT-CL4N		
		Long elbow	4G1R-JOINT-CLL4N		
	Plug cartridge		4G1R-JOINT-CPG		
(M)3GA2 (M)4GA2 M3GB2 M4GB2	Metric size Push-in	Straight	4G2R-JOINT-C4		1 each
		Straight	4G2R-JOINT-C6		
		Short elbow	4G2R-JOINT-CL6		
		Long elbow	4G2R-JOINT-CLL6		
		Straight	4G2R-JOINT-C8		
		Short elbow	4G2R-JOINT-CL8 (*)		
		Long elbow	4G2R-JOINT-CLL8 (*)		
		Straight	4G2R-JOINT-C10 (*)		
	Inch size Push-in	Straight	4G2R-JOINT-C6N		
		Short elbow	4G2R-JOINT-CL6N		
		Long elbow	4G2R-JOINT-CLL6N		
		Straight	4G2R-JOINT-C8N		
		Short elbow	4G2R-JOINT-CL8N (*)		
		Long elbow	4G2R-JOINT-CLL8N (*)		
	Plug cartridge		4G2R-JOINT-CPG		
(M)3GA3 (M)4GA3 M4GB3	Metric size Push-in	Straight	4G3R-JOINT-C6		1 each
		Straight	4G3R-JOINT-C8		
		Short elbow	4G3R-JOINT-CL8		
		Long elbow	4G3R-JOINT-CLL8		
		Straight	4G3R-JOINT-C10		
		Short elbow	4G3R-JOINT-CL10 (*)		
		Long elbow	4G3R-JOINT-CLL10 (*)		
	Inch size Push-in	Straight	4G3R-JOINT-C8N		
		Straight	4G3R-JOINT-C10N		
	Plug cartridge		4G3R-JOINT-CPG		

1: () fittings cannot be assembled to body piping (3GA1 to 3, 4GA1 to 3).

●Fitting stopper plate kit

Model No.	Part model No.	Parts diagram	Quantity
M3G*1 M4G*1	4G1R-JNT-STP-PLATE-KIT		1 each
	4G1R-JNT-STP-PLATE-KIT-C8 *1		
M3G*2 M4G*2	4G2R-JNT-STP-PLATE-KITF		Stopper plate: 1 Mounting screw: 2
	4G2R-JNT-STP-PLATE-KIT-C10 *2		
M3G*3 M4G*3	4G3R-JNT-STP-PLATE-KIT		1 each

*1: M4G*1 Series is dedicated for port size "C8".
*1: M4G*2 Series is dedicated for port size "C10".

Adaptor related kit

3GA1 / 4GA1

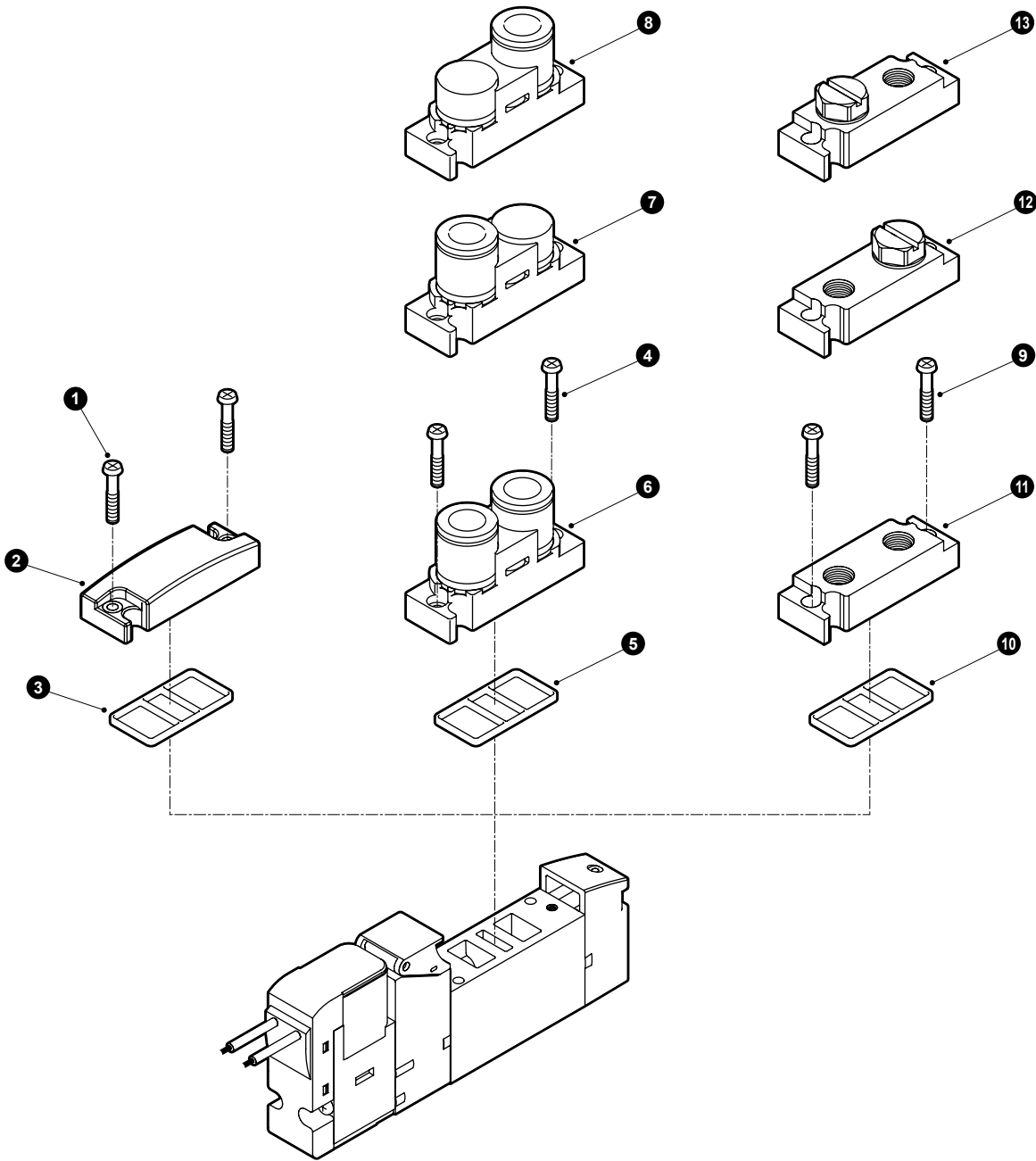


Plate kit

Part model No.	Parts diagram	No.	Quantity
4G1R-PLATE-KIT		1	2
		2	1
		3	1

Adaptor related kit (3GA1 / 4GA1)

Fitting adaptor kit

NC / NO	Port size	Part model No.		Parts diagram	No.	Qty.
		3GA1	4GA1			
Blank	Barbed	ø1.8	3G1R-JNT-ADAPTOR-KIT-CF-□	4G1R-JNT-ADAPTOR-KIT-CF-□		2 1 1
	Push-in	ø1.8	3G1R-JNT-ADAPTOR-KIT-C18-□	4G1R-JNT-ADAPTOR-KIT-C18-□		
		ø4	3G1R-JNT-ADAPTOR-KIT-C4-□	4G1R-JNT-ADAPTOR-KIT-C4-□		
		ø6	3G1R-JNT-ADAPTOR-KIT-C6-□	4G1R-JNT-ADAPTOR-KIT-C6-□		
	Inch	ø1/8	3G1R-JNT-ADAPTOR-KIT-C3N-□	4G1R-JNT-ADAPTOR-KIT-C3N-□		
		ø5/32	3G1R-JNT-ADAPTOR-KIT-C4N-□	4G1R-JNT-ADAPTOR-KIT-C4N-□		
NC	Barbed	ø1.8	3G1R-JNT-ADAPTOR-KIT-CFNC-□	4G1R-JNT-ADAPTOR-KIT-CFNC-□		2 1 1
	Push-in	ø1.8	3G1R-JNT-ADAPTOR-KIT-C18NC-□	4G1R-JNT-ADAPTOR-KIT-C18NC-□		
		ø4	3G1R-JNT-ADAPTOR-KIT-C4NC-□	4G1R-JNT-ADAPTOR-KIT-C4NC-□		
		ø6	3G1R-JNT-ADAPTOR-KIT-C6NC-□	4G1R-JNT-ADAPTOR-KIT-C6NC-□		
	Push-in Inch	ø1/8	3G1R-JNT-ADAPTOR-KIT-C3NCN-□	4G1R-JNT-ADAPTOR-KIT-C3NCN-□		
		ø5/32	3G1R-JNT-ADAPTOR-KIT-C4NCN-□	4G1R-JNT-ADAPTOR-KIT-C4NCN-□		
NO	Barbed	ø1.8	3G1R-JNT-ADAPTOR-KIT-CFNO-□	4G1R-JNT-ADAPTOR-KIT-CFNO-□		2 1 1
	Push-in	ø1.8	3G1R-JNT-ADAPTOR-KIT-C18NO-□	4G1R-JNT-ADAPTOR-KIT-C18NO-□		
		ø4	3G1R-JNT-ADAPTOR-KIT-C4NO-□	4G1R-JNT-ADAPTOR-KIT-C4NO-□		
		ø6	3G1R-JNT-ADAPTOR-KIT-C6NO-□	4G1R-JNT-ADAPTOR-KIT-C6NO-□		
	Push-in Inch	ø1/8	3G1R-JNT-ADAPTOR-KIT-C3NON-□	4G1R-JNT-ADAPTOR-KIT-C3NON-□		
		ø5/32	3G1R-JNT-ADAPTOR-KIT-C4NON-□	4G1R-JNT-ADAPTOR-KIT-C4NON-□		

□ Option Blank: None F: Port A/B filter integrated

Female thread adaptor kit

NC / NO	Port size	Part model No.	Parts diagram	No.	Quantity
Blank	M5	4G1R-FML-ADAPTOR-KIT-M5-□		9	2
				10	1
				11	1
NC	M5	4G1R-FML-ADAPTOR-KIT-M5NC-□		9	2
				10	1
				12	1
NO	M5	4G1R-FML-ADAPTOR-KIT-M5NO-□		9	2
				10	1
				13	1

□ Option Blank: None F: Port A/B filter integrated

Adaptor related kit

3GA2 / 4GA2

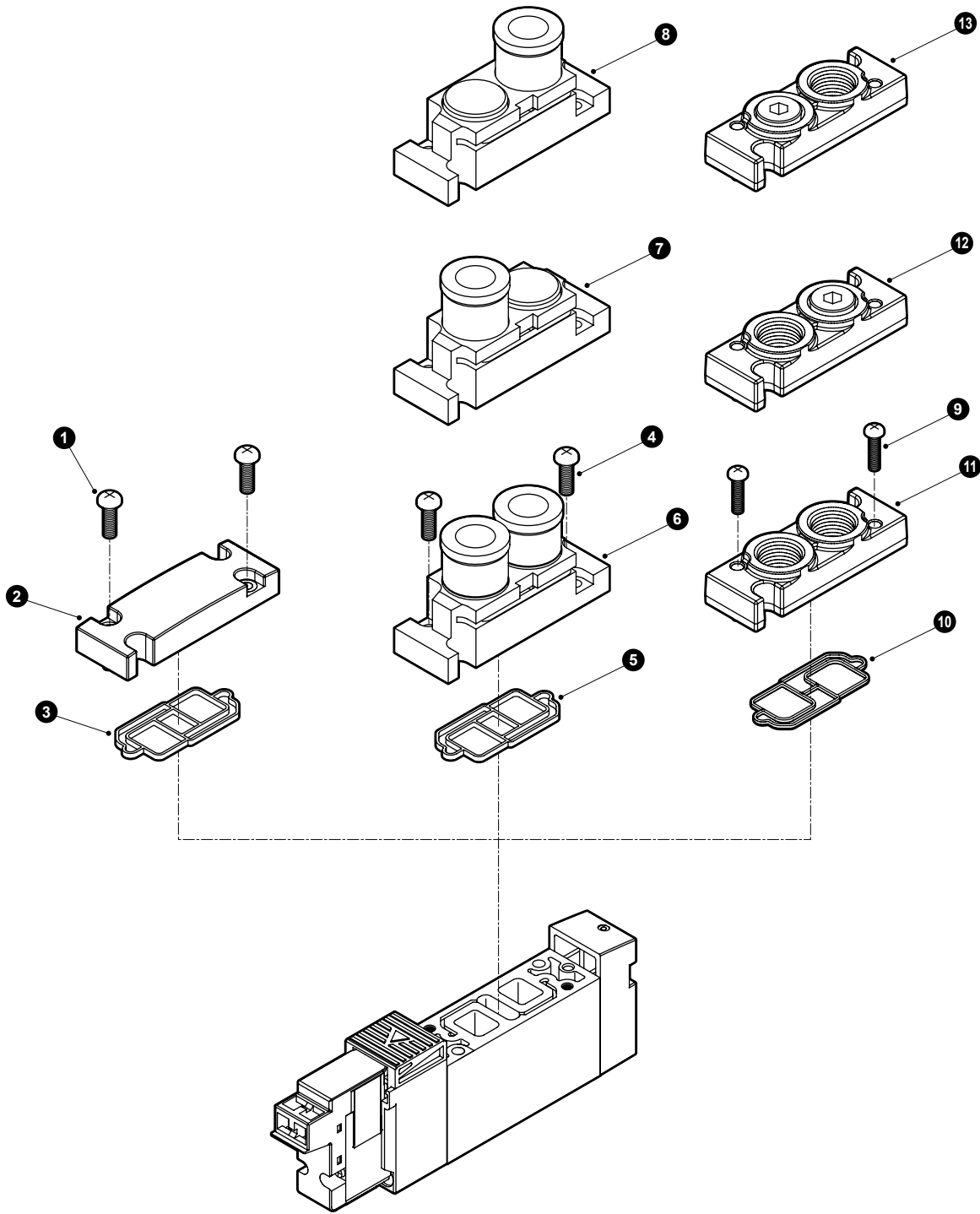


Plate kit

Part model No.	Parts diagram	No.	Quantity
4G2R-PLATE-KIT		1	2
		2	1
		3	1

Adaptor related kit (3GA2 / 4GA2)

Fitting adapter kit

NC / NO	Port size	Part model No.		Parts diagram	No.	Qty.
		3GA2	4GA2			
Blank	Push-in	ø4	4G2R-JNT-ADAPTOR-KIT-C4-□		4	2
		ø6	4G2R-JNT-ADAPTOR-KIT-C6-□		5	1
		ø8	4G2R-JNT-ADAPTOR-KIT-C8-□		6	1
	Push-in Inch	ø1/4	4G2R-JNT-ADAPTOR-KIT-C6N-□			
		ø5/16	4G2R-JNT-ADAPTOR-KIT-C8N-□			
NC	Push-in	ø4	3G2R-JNT-ADAPTOR-KIT-C4NC-□		4	2
		ø6	3G2R-JNT-ADAPTOR-KIT-C6NC-□		5	1
		ø8	3G2R-JNT-ADAPTOR-KIT-C8NC-□		7	1
	Push-in Inch	ø1/4	3G2R-JNT-ADAPTOR-KIT-C6NCN-□			
		ø5/16	3G2R-JNT-ADAPTOR-KIT-C8NCN-□			
NO	Push-in	ø4	3G2R-JNT-ADAPTOR-KIT-C4NO-□		4	2
		ø6	3G2R-JNT-ADAPTOR-KIT-C6NO-□		5	1
		ø8	3G2R-JNT-ADAPTOR-KIT-C8NO-□		8	1
	Push-in Inch	ø1/4	3G2R-JNT-ADAPTOR-KIT-C6NON-□			
		ø5/16	3G2R-JNT-ADAPTOR-KIT-C8NON-□			

□ Option Blank: None F: Port A/B filter integrated

Female thread adapter kit

NC / NO	Port size	Part model No.	Parts diagram	No.	Quantity
Blank	Rc1/8	4G2R-FML-ADAPTOR-KIT-06-□		9	2
	NPT1/8	4G2R-FML-ADAPTOR-KIT-06N-□		10	1
	G1/8	4G2R-FML-ADAPTOR-KIT-06G-□		11	1
NC	Rc1/8	4G2R-FML-ADAPTOR-KIT-06NC-□		9	2
	NPT1/8	4G2R-FML-ADAPTOR-KIT-06NCN-□		10	1
	G1/8	4G2R-FML-ADAPTOR-KIT-06NCG-□		12	1
NO	Rc1/8	4G2R-FML-ADAPTOR-KIT-06NO-□		9	2
	NPT1/8	4G2R-FML-ADAPTOR-KIT-06NON-□		10	1
	G1/8	4G2R-FML-ADAPTOR-KIT-06NOG-□		13	1

□ Option Blank: None F: Port A/B filter integrated

Adaptor related kit

3GA3 / 4GA3

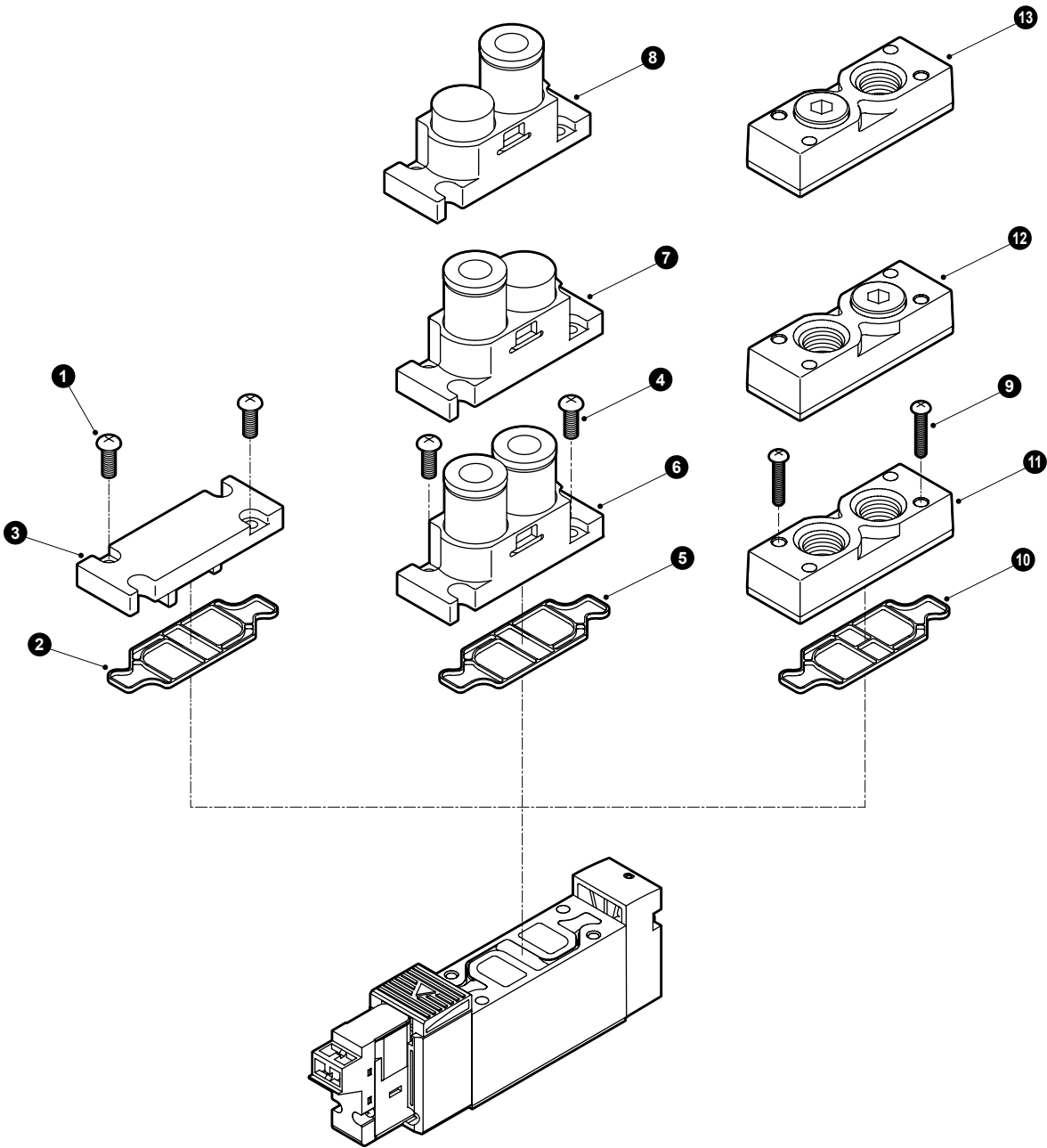


Plate kit

Part model No.	Parts diagram	No.	Quantity
4G3R-PLATE-KIT		1	2
		2	1
		3	1

Adaptor related kit (3GA3 / 4GA3)

Fitting adapter kit

NC / NO	Port size	Part model No.		Parts diagram	No.	Qty.
		3GA3	4GA3			
Blank	Push-in	ø6	4G3R-JNT-ADAPTOR-KIT-C6-□		4	2
		ø8	4G3R-JNT-ADAPTOR-KIT-C8-□		5	1
		ø10	4G3R-JNT-ADAPTOR-KIT-C10-□		6	1
	Push-in Inch	ø5/16	4G3R-JNT-ADAPTOR-KIT-C8N-□		7	1
		ø3/8	4G3R-JNT-ADAPTOR-KIT-C10N-□			
NC	Push-in	ø6	3G3R-JNT-ADAPTOR-KIT-C6NC-□		4	2
		ø8	3G3R-JNT-ADAPTOR-KIT-C8NC-□		5	1
		ø10	3G3R-JNT-ADAPTOR-KIT-C10NC-□		7	1
	Push-in Inch	ø5/16	3G3R-JNT-ADAPTOR-KIT-C8NCN-□			
		ø3/8	3G3R-JNT-ADAPTOR-KIT-C10NCN-□			
			4G3R-JNT-ADAPTOR-KIT-C10NCN-□			
NO	Push-in	ø6	3G3R-JNT-ADAPTOR-KIT-C6NO-□		4	2
		ø8	3G3R-JNT-ADAPTOR-KIT-C8NO-□		5	1
		ø10	3G3R-JNT-ADAPTOR-KIT-C10NO-□		8	1
	Push-in Inch	ø5/16	3G3R-JNT-ADAPTOR-KIT-C8NON-□			
		ø3/8	3G3R-JNT-ADAPTOR-KIT-C10NON-□			
			4G3R-JNT-ADAPTOR-KIT-C10NON-□			

□ Option Blank: None F: Port A/B filter integrated

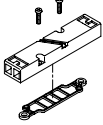
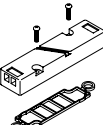
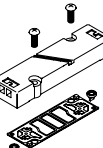
Female thread adapter kit

NC / NO	Port size	Part model No.	Parts diagram	No.	Quantity
Blank	Rc1/4	4G3R-FML-ADAPTOR-KIT-08-□		9	2
	NPT1/4	4G3R-FML-ADAPTOR-KIT-08N-□		10	1
	G1/4	4G3R-FML-ADAPTOR-KIT-08G-□		11	1
NC	Rc1/4	4G3R-FML-ADAPTOR-KIT-08NC-□		9	2
	NPT1/4	4G3R-FML-ADAPTOR-KIT-08NCN-□		10	1
	G1/4	4G3R-FML-ADAPTOR-KIT-08NCG-□		12	1
NO	Rc1/4	4G3R-FML-ADAPTOR-KIT-08NO-□		9	2
	NPT1/4	4G3R-FML-ADAPTOR-KIT-08NON-□		10	1
	G1/4	4G3R-FML-ADAPTOR-KIT-08NOG-□		13	1

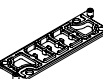
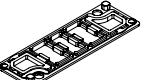
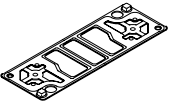
□ Option Blank: None F: Port A/B filter integrated

Manifold related parts

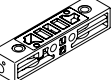
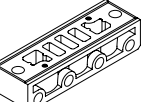
●Masking plate kit

Model No.	Part model No.	Parts diagram	Quantity
3G*1 4G*1	4G1R-MP		Masking plate: 1 Gasket: 1 Mounting screw: 2
3G*2 4G*2	4G2R-MP		
3G*3 4G*3	4G3R-MP		

●Gasket

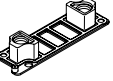
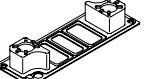
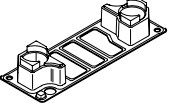
Model No.	Part model No.	Parts diagram
3G*1 4G*1	4G1R-GASKET	
	4G1R-MP-GASKET *Dedicated for masking plate	
3G*2 4G*2	4G2R-GASKET	
	4G2R-MP-GASKET *Dedicated for masking plate	
3G*3 4G*3	4G3R-GASKET	

●Pipe adaptor (3, 4GA / 3, 4GD)

Model No.	Port size	Part model No.	Parts diagram
3GA1 4GA1	M5	4G1R-ADAPTOR-M5-[*1][*2]	
3GA2 4GA2	Rc1/8	4G2R-ADAPTOR-06-[*1][*2]	
	NPT1/8	4G2R-ADAPTOR-06N-[*1]	
	G1/8	4G2R-ADAPTOR-06G-[*1]	
3GA3 4GA3	Rc1/4	4G3R-ADAPTOR-08-[*1][*2]	
	NPT1/4	4G3R-ADAPTOR-08N-[*1]	
	G1/4	4G3R-ADAPTOR-08G-[*1]	

*1: Blank, P (mounting plate kit)
*2: Blank, C (atmospheric release)

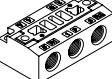
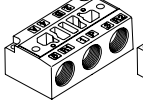
●Gasket with exhaust check valve

Model No.	Part model No.	Parts diagram
3G*1 4G*1	4G1R-CHECK-VALVE	
3G*2 4G*2	4G2R-CHECK-VALVE	
3G*3 4G*3	4G3R-CHECK-VALVE	

●PR check valve kit

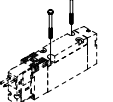
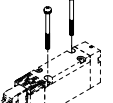
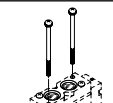
Model No.	Part model No.	Parts diagram	Quantity
3G*1 4G*1	4G1R-PR		2
3G*2 4G*2	4G2R-PR		
3G*3 4G*3	4G3R-PR		

●Sub-plate (3, 4GB / 3, 4GE)

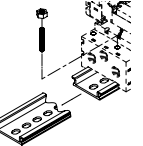
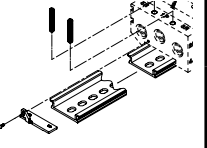
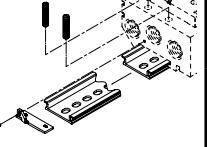
Model No.	Port size	Part model No.	Parts diagram
3GB1 4GB1	Rc1/8	4G1R-SUB-BASE-06-[*1][*2]	 Option: C Option: K
	NPT1/8	4G1R-SUB-BASE-06N-[*1][*2]	
	G1/8	4G1R-SUB-BASE-06G-[*1][*2]	
3GB2 4GB2	Rc1/4	4G2R-SUB-BASE-08-[*1][*2]	 Option: C Option: K
	NPT1/4	4G2R-SUB-BASE-08N-[*1][*2]	
	G1/4	4G2R-SUB-BASE-08G-[*1][*2]	
4GB3	Rc1/4	4G3R-SUB-BASE-08-[*1][*2]	 Option: C Option: K
	NPT1/4	4G3R-SUB-BASE-08N-[*1]	
	G1/4	4G3R-SUB-BASE-08G-[*1]	
	Rc3/8	4G3R-SUB-BASE-10-[*1][*2]	
	NPT3/8	4G3R-SUB-BASE-10N-[*1]	
	G3/8	4G3R-SUB-BASE-10G-[*1]	

*1: Blank, K (external pilot), F (port A/B filter integrated)
*2: Blank, C (atmospheric release)

●Mounting screw

Model No.	Part model No.	Parts diagram	Qty.
3G*1 4G*1	4G1R-SET-SCREW		10
3G*2 4G*2	4G2R-SET-SCREW		
3G*3 4G*3	4G3R-SET-SCREW		
	4G3R-SET-SCREW-L *For mounting 4GA3□□R-08		

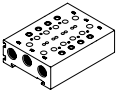
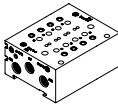
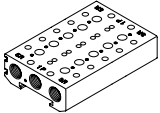
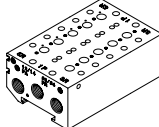
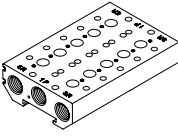
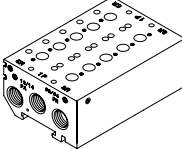
●DIN rail kit

Model No.	Part model No.	Parts diagram
3GA1 4GA1	4GA1R-BAA[*1]-[*2]D	
3GB1 4GB1	4GB1R-BAA[*1]-[*2]D	
3GA2 4GA2	4GA2R-BAA[*1]-[*2]D	
3GB2 4GB2	4GB2R-BAA[*1]-[*2]D	
3GA3 4GA3	4GA3R-BAA[*1]-[*2]D	
4GB3	4GB3R-BAA[*1]-[*2]D	

*1: DIN rail length (0 when no rail is used)
*2: Blank, K (external pilot)

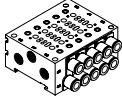
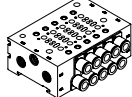
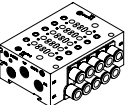
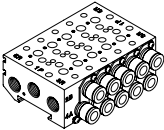
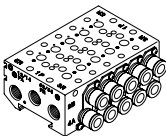
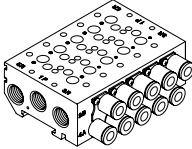
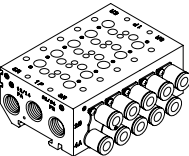
Sub-plate individual wiring (manifold)

●M4GA* Sub-plate kit (individual wiring)

Model No.	Port size	Part model No.	Parts diagram	
			Option: Blank	Option: K
M4GA1	Rc thread	M4GA1R-00-[*1]-[*2]		
	NPT thread	M4GA1R-00N-[*1]-[*2]		
	G thread	M4GA1R-00G-[*1]-[*2]		
M4GA2	Rc thread	M4GA2R-00-[*1]-[*2]		
	NPT thread	M4GA2R-00N-[*1]-[*2]		
	G thread	M4GA2R-00G-[*1]-[*2]		
M4GA3	Rc thread	M4GA3R-00-[*1]-[*2]		
	NPT thread	M4GA3R-00N-[*1]-[*2]		
	G thread	M4GA3R-00G-[*1]-[*2]		

*1: Option blank / K (external pilot)
*2: If selecting Station No. (2 to 20) K (external pilot), up to 12 stations can be selected

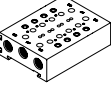
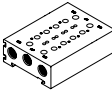
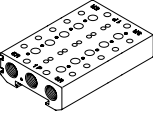
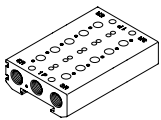
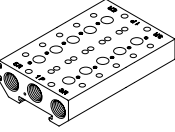
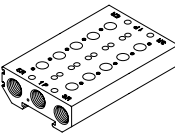
●M4GB * Sub-plate kit (individual wiring)

Model No.	Part model No.	Parts diagram		
		Mount type		Option: K
		Direct mount	DIN rail mount	
M4GB1	M4GB1R-[*1]-[*2][*3]-[*4]			
M4GB2	M4GB2R-[*1]-[*2][*3]-[*4]			
M4GB3	M4GB3R-[*1]-[*2][*3]-[*4]			

*1: Port size
*2: Option (blank / K(External pilot) / F (port A/B filter integrated)
*3: Mount type (blank (direct mount) / D (DIN Rail Mount)
*4: Station No. (2Up to 20) Up to 16 stations can be used for DIN rail mount of M4GB1

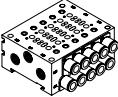
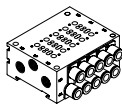
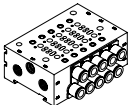
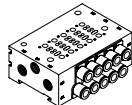
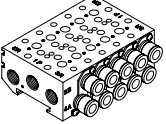
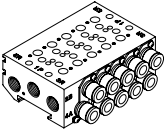
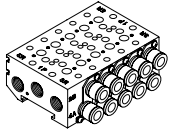
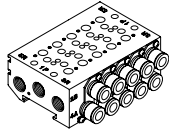
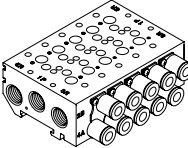
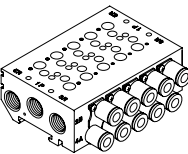
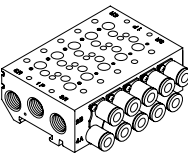
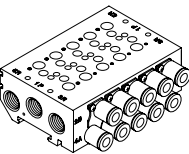
Sub-plate individual wiring(Manifold)

●M4GD* Sub-plate kit (individual wiring)

Model No.	Part model No.	Parts diagram	
		Option: Blank	Option: C
M4GD1	M4GD1R-00-[*1]-[*2]		
M4GD2	M4GD2R-00-[*1]-[*2]		
M4GD3	M4GD3R-00-[*1]-[*2]		

*1: Option blank/C (pilot exhaust atmosphere release)
*2: Station No. (2 to 20)

●M4GE* Sub-plate kit (individual wiring)

Model No.	Part model No.	Parts diagram			
		Direct mount		DIN rail mount	
		Blank / F	C	Blank / F	C
M4GE1	M4GE1R-[*1]-[*2][*3]-[*4]				
M4GE2	M4GE2R-[*1]-[*2][*3]-[*4]				
M4GE3	M4GE3R-[*1]-[*2][*3]-[*4]				

*1: Port size
*2: Option (Blank / F(port A/B filter integrated) / C (pilot exhaust atmosphere release type)
*3: Mount type (Blank(Direct Mount type) / D(DIN Rail Mount)
*4: Station No. (2 to 20) Up to 16 stations can be used for DIN rail mount of M4GE1

●M4GA1 Sub-plate kit (reduced wiring)
Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

Part model No.	Parts diagram							
	Reduced wiring connection							
	T1*		T3*		T5*		T8*	
	Option: Blank	Option: K	Option: Blank	Option: K	Option: Blank	Option: K	Option: Blank	Option: K
M4GA1R-00-[*1]-[*2]-[*4]								

- *1: Reduced wiring connection T10(R) / T11(R) / T30(R) / T5* (R) / T56 / T81 / T82
*2: Option Blank / K (external pilot)
*3: Station No. (2 to 20) When selecting K (external pilot), up to 12 stations

●M4GA2 Sub-plate kit (reduced wiring)
Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

Part model No.	Parts diagram									
	Reduced wiring connection									
	T1*		T3*		T5*		T8* (Direct mount)		T8* (DIN rail mount)	
	Option: Blank	Option: K	Option: Blank	Option: K	Option: Blank	Option: K	Option: Blank	Option: K	Option: Blank	Option: K
M4GA2R-00-[*1]-[*2][*3]-[*4]										

- *1: Reduced wiring connection T10(R) / T11(R) / T30(R) / T50(R) / T51(R) / T52(R) / T53(R) / T56 / T81 / T82
*2: Option blank/K (external pilot)
3: Reduced wiring connection T8 mount (Blank (direct mount) / D (DIN Rail Mount)
Reduced wiring T1* / T3* / T5-* direct mount / DIN rail mount common
Dedicated for reduced wiring connection T56 DIN rail mount
*4: When selecting station No. (2 to 20) D (DIN rail mount), up to 16 stations can be selected

●M4GA3 Sub-plate kit (reduced wiring)
Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

Part model No.	Parts diagram									
	Reduced wiring connection									
	T1*		T3*		T5*		T8* (Direct mount)		T8* (DIN rail mount)	
	Option: Blank	Option: K	Option: Blank	Option: K	Option: Blank	Option: K	Option: Blank	Option: K	Option: Blank	Option: K
M4GA3R-00-[*1]-[*2][*3]-[*4]										

- *1: Reduced wiring connection T10(R) / T11(R) / T30(R) / T50(R) / T51(R) / T52(R) / T53(R) / T56 / T81 / T82
*2: Option blank/K (external pilot)
3: Reduced wiring connection T8 mount (Blank (direct mount) / D (DIN Rail Mount)
Reduced wiring T1* / T3* / T5-* direct mount / DIN rail mount common
Dedicated for reduced wiring connection T56 DIN rail mount
*4: Station No. (2 to 16)

●M4GB1 Sub-plate kit (reduced wiring)
Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

Part model No.	Parts diagram							
	Reduced wiring connection							
	T1*		T3*		T5*		T8*	
	Option: Blank / F	Option: K	Option: Blank / F	Option: K	Option: Blank / F	Option: K	Option: Blank / F	Option: K
M4GB1R-[*1]-[*2]-[*3]-[*4]								

- *1: Port size
- *2: Reduced wiring connection T10(R) / T11(R) / T30(R) / T5* (R) / T56 / T81 / T82
- *3: Option blank / K (external pilot) / F (port A/B filter integrated)
- *4: Station No. (2 to 20)

●M4GB2 Sub-plate kit (reduced wiring)
Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

Part model No.	Parts diagram									
	Reduced wiring connection									
	T1*		T3*		T5*		T8* (Direct mount)		T8* (DIN rail mount)	
	Option: Blank / F	Option: K	Option: Blank / F	Option: K	Option: Blank / F	Option: K	Option: Blank / F	Option: K	Option: Blank / F	Option: K
M4GB2R-[*1]-[*2]-[*3][*4]-[*5]										

- *1: Port size
- *2: Reduced wiring connection T10(R) / T11(R) / T30(R) / T50(R) / T51(R) / T52(R) / T53(R) / T56 / T81 / T82
- *3: Option blank / K (external pilot) / F (port A/B filter integrated)
- *4: Reduced wiring connection T8* mount (blank (direct mount) / D (DIN Rail Mount)
Reduced wiring T1* / T3* / T5-* direct mount / DIN rail mount common
Dedicated for reduced wiring connection T56 DIN rail mount
- *5: When selecting station No. (2 to 20) D (DIN rail mount), up to 16 stations can be selected

●M4GB3 Sub-plate kit (reduced wiring)
Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

Part model No.	Parts diagram									
	Reduced wiring connection									
	T1*		T3*		T5*		T8* (Direct mount)		T8* (DIN rail mount)	
	Option: Blank / F	Option: K	Option: Blank / F	Option: K	Option: Blank / F	Option: K	Option: Blank / F	Option: K	Option: Blank / F	Option: K
M4GB3R-[*1]-[*2]-[*3][*4]-[*5]										

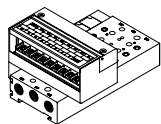
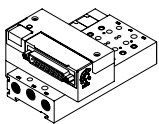
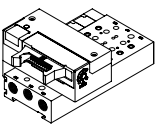
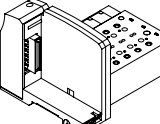
- *1: Reduced wiring connection T10(R) / T11(R) / T30(R) / T50(R) / T51(R) / T52(R) / T53(R) / T56 / T81 / T82
- *2: Option Blank / K (external pilot)
- *3: Reduced wiring connection T8* mount (blank (direct mount) / D (DIN Rail Mount)
Reduced wiring T1* / T3* / T5-* direct mount / DIN rail mount common
Dedicated for reduced wiring connection T56 DIN rail mount
- *4: Mount type (blank (direct mount) / D (DIN Rail Mount)
- *5: Station No. (2 to 16)

Sub-plate kit reduced wiring (manifold body piping M4GD1/2/3)

●M4GD1 Sub-plate kit (reduced wiring)

Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

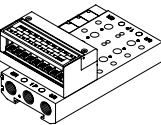
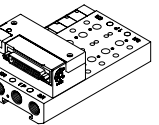
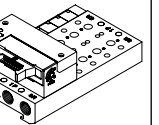
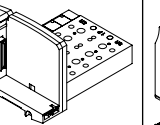
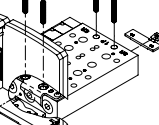
Part model No.	Parts diagram			
	Reduced wiring connection			
	T1*	T3*	T5*	T8*
M4GD1R-00-[1]-[2]				

1: Reduced wiring connection T10(R) / T11(R) / T30(R) / T5 (R) / T56 / T81 / T82
*2: Station No. (2 to 20)

●M4GD2 Sub-plate kit (reduced wiring)

Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

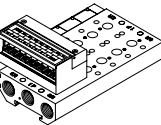
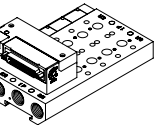
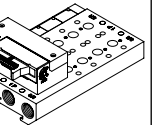
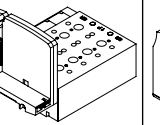
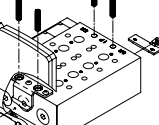
Part model No.	Parts diagram				
	Reduced wiring connection				
	T1*	T3*	T5*	T8*	
				(Direct mount)	(DIN rail mount)
M4GD2R-00-[1]-[2]-[3]					

*1: Reduced wiring connection T10(R) / T11(R) / T30(R) / T50(R) / T51(R) / T52(R) / T53(R) / T56 / T81 / T82
2: Reduced wiring connection T8 mount (blank (direct mount) / D (DIN Rail Mount)
Reduced wiring T1* / T3* / T5-* direct mount / DIN rail mount common
Dedicated for reduced wiring connection T56 DIN rail mount
*3: When selecting station No. (2 to 20) D (DIN rail mount), up to 16 stations can be selected

●M4GD3 Sub-plate kit (reduced wiring)

Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

Part model No.	Parts diagram				
	Reduced wiring connection				
	T1*	T3*	T5*	T8*	
				(Direct mount)	(DIN rail mount)
M4GD3R-00-[*1]-[*2]-[*3]					

*1: Reduced wiring connection T10(R) / T11(R) / T30(R) / T50(R) / T51(R) / T52(R) / T53(R) / T56 / T81 / T82
2: Reduced wiring connection T8 mount (blank (direct mount) / D (DIN Rail Mount)
Reduced wiring T1* / T3* / T5-* direct mount / DIN rail mount common
Dedicated for reduced wiring connection T56 DIN rail mount
*3: Station No. (2 to 16)

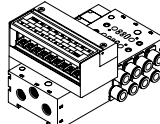
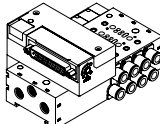
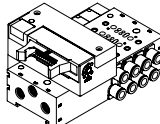
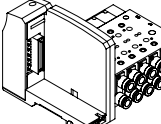
Sub-plate kit reduced wiring (M4GE1/2/3)

Sub-plate kit reduced wiring (manifold base piping M4GE1/2/3)

●M4GE1 Sub-plate kit (reduced wiring)

Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

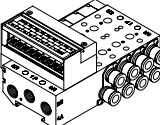
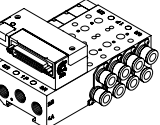
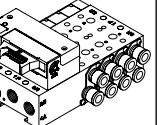
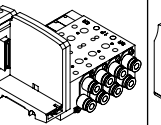
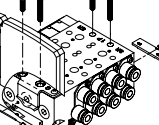
Part model No.	Parts diagram			
	Reduced wiring connection			
	T1*	T3*	T5*	T8*
M4GE1R-[*1]-[*2]-[*3]-[*4]				

*1: Port size
2: Reduced wiring connection T10(R) / T11(R) / T30(R) / T5 (R) / T56 / T81 / T82
*3: Option Blank / F (port A/B filter integrated)
*4: Station No. (2 to 20)

●M4GE2 Sub-plate kit (reduced wiring)

Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

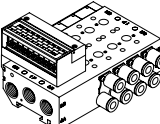
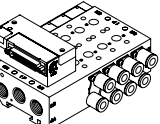
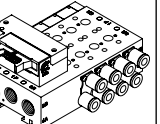
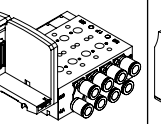
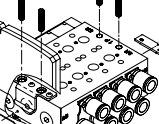
Part model No.	Parts diagram				
	Reduced wiring connection				
	T1*	T3*	T5*	T8*	
				(Direct mount)	(DIN rail mount)
M4GE2R-[*1]-[*2]-[*3]-[*4]-[*5]					

*1: Port size
*2: Reduced wiring connection T10(R) / T11(R) / T30(R) / T50(R) / T51(R) / T52(R) / T53(R) / T56 / T81 / T82
*3: Option Blank / F (port A/B filter integrated)
4: Reduced wiring connection T8 mount (blank (direct mount) / D (DIN Rail Mount)
Reduced wiring connection T1* / T3* / T5* Direct mount / DIN rail mount common
Dedicated for reduced wiring connection T56 DIN rail mount
*5: When selecting station No. (2 to 20) D (DIN rail mount), up to 16 stations can be selected

●M4GE3 Sub-plate kit (reduced wiring)

Direct mount / DIN rail mount common

DIN rail kit (N4GR-BAA- rail length) is required separately.

Part model No.	Parts diagram				
	Reduced wiring connection				
	T1*	T3*	T5*	T8*	
				(Direct mount)	(DIN rail mount)
M4GE3R-[*1]-[*2]-[*3]-[*4]-[*5]					

*1: Reduced wiring connection T10(R) / T11(R) / T30(R) / T50(R) / T51(R) / T52(R) / T53(R) / T56 / T81 / T82
*2: Option blank/K (external pilot)
3: Reduced wiring connection T8 mount (blank (direct mount) / D (DIN Rail Mount)
Reduced wiring connection T1* / T3* / T5* Direct mount / DIN rail mount common
Dedicated for reduced wiring connection T56 DIN rail mount
*4: Mount type (blank (direct mount) / D (DIN rail mount)
*5: Station No. (2 to 16)

Coil replacement related parts

Coil assembly (grommet lead wire, E-type, EJ-type, A-type connector)

Electrical connections				Part model No.	Parts diagram	
Type	Lead wire (mm)	Surge suppressor	Lamp		Voltage: AC	Voltage : DC
Grommet lead wire	300			4GR-[*1]-COIL-[*2]		
E-connector	300			4GR-E0-[*1]-COIL-[*2]		
	500			4GR-E00-[*1]-COIL-[*2]		
	1000			4GR-E01-[*1]-COIL-[*2]		
	2000			4GR-E02-[*1]-COIL-[*2]		
	3000			4GR-E03-[*1]-COIL-[*2]		
	300	●	●	4GR-E2-[*1]-COIL-[*2]		
	500	●	●	4GR-E20-[*1]-COIL-[*2]		
	1000	●	●	4GR-E21-[*1]-COIL-[*2]		
	2000	●	●	4GR-E22-[*1]-COIL-[*2]		
	3000	●	●	4GR-E23-[*1]-COIL-[*2]		
E-connector Without socket				4GR-E0N-[*1]-COIL-[*2]		
		●	●	4GR-E2N-[*1]-COIL-[*2]		
E-connector With socket / terminal				4GR-E1-[*1]-COIL-[*2]		
		●	●	4GR-E3-[*1]-COIL-[*2]		
EJ-connector	1000			4GR-E01J-[*1]-COIL-[*2]		
	2000			4GR-E02J-[*1]-COIL-[*2]		
	3000			4GR-E03J-[*1]-COIL-[*2]		
	1000	●	●	4GR-E21J-[*1]-COIL-[*2]		
	2000	●	●	4GR-E22J-[*1]-COIL-[*2]		
	3000	●	●	4GR-E23J-[*1]-COIL-[*2]		
A-connector Without socket				4GR-A2N-[*1]-COIL-[*2]		

*1: Option (Blank / A (Ozone-proof) / S (Surgeless) / E (Low exoergic / energy saving circuit / K (External pilot))
*2: Voltage (1(100 VAC) / 3 (24 VDC) / 4(12 VDC) / 7(3 VDC) / 8(5 VDC))

Coil replacement related parts

Coil assembly (DIN terminal box)

Electrical connections			Part model No.	Parts diagram	
Type	Surge suppressor	Lamp		Voltage: AC	Voltage : DC
DIN terminal box	●	●	4GR-B-[*1]-COIL-[*2]		
	●		4GR-BN-[*1]-COIL-[*2]		

*1: Option (Blank / A (Ozone-proof) / K(External pilot))
*2: Voltage (1(100 VAC) / 2 (200 VAC)/ 3 (24VDC) / 4 (12 VDC))

DIN terminal box

Part model No.	Parts diagram
4GR-TERMINAL-BOX-[*1]	

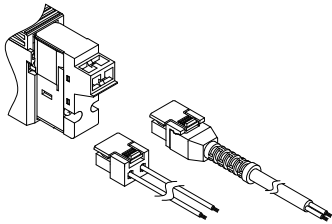
*1: Voltage (1 (100 VAC) / 2 (200 VAC) / 3 (24 VDC) / 4 (12 VDC))

Coil parts

Part name	Part model No.	Parts diagram	Quantity
Coil gasket	4GR-COIL-GASKET		1
Coil mounting screw	4GR-COIL-SET-SCREW		2

Lead wire related parts

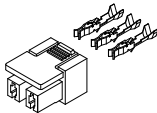
E-, EJ-connector socket assemblies



Electrical connections		Part model No.	Parts diagram
Type	Lead wire (mm)		
E-connector	300	4GR-SOCKET-ASSY-E0-[*1]	
	500	4GR-SOCKET-ASSY-E00-[*1]	
	1000	4GR-SOCKET-ASSY-E01-[*1]	
	2000	4GR-SOCKET-ASSY-E02-[*1]	
	3000	4GR-SOCKET-ASSY-E03-[*1]	
	300	4GR-SOCKET-ASSY-E2-[*1]	
	500	4GR-SOCKET-ASSY-E20-[*1]	
	1000	4GR-SOCKET-ASSY-E21-[*1]	
	2000	4GR-SOCKET-ASSY-E22-[*1]	
	3000	4GR-SOCKET-ASSY-E23-[*1]	
EJ-connector	1000	4GR-SOCKET-ASSY-E01J	
	2000	4GR-SOCKET-ASSY-E02J	
	3000	4GR-SOCKET-ASSY-E03J	
	1000	4GR-SOCKET-ASSY-E21J	
	2000	4GR-SOCKET-ASSY-E22J	
	3000	4GR-SOCKET-ASSY-E23J	

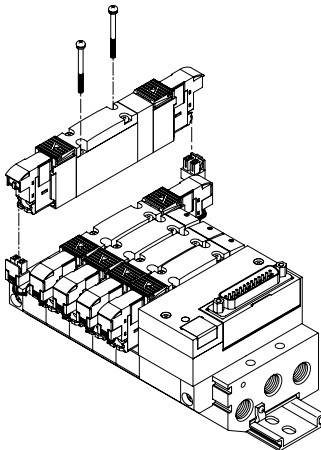
*1: Voltage (1(100 VAC) / 3 (24 VDC) / 4(12 VDC) / 7 (3 VDC) / 8(5 VDC))

Socket set



Part model No.	Parts diagram
4GR-SOCKET-SET	

A-connector socket assembly



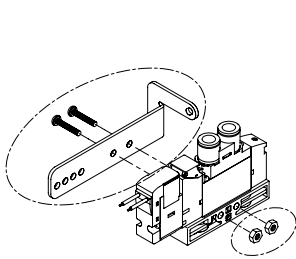
Model No.	Part model No.	Parts diagram
M4G*1	4G1R-SOCKET-ASSY-A[*1][*2]-[*3]	
M4G*2	4G2R-SOCKET-ASSY-A[*1][*2]-[*3]	
M4G*3	4G3R-SOCKET-ASSY-A[*1][*2]-[*3]	

*1: Blank (left) / R (Right)
*2: A (aSOL side) / B (bSOL side)
*3: Row No.

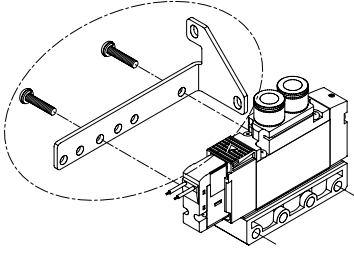
Lead wire related parts/mounting plate kit

Mounting plate kit

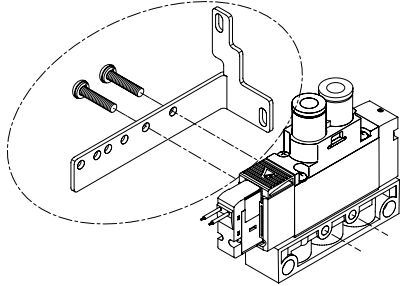
4G1R



4G2R

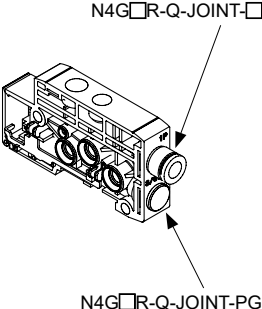
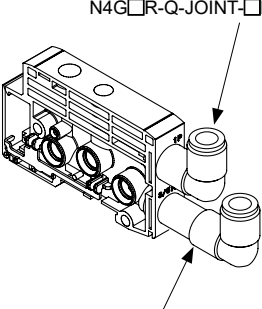
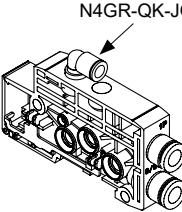


4G3R



Model No.	Part model No.	Parts diagram	Quantity
3GA1 4GA1	4G1R-MOUNT-PLATE-KIT		Mounting plate: 1 Mounting screw: 2 Nut: 2
3GA2 4GA2	4G2R-MOUNT-PLATE-KIT		Mounting plate: 1 Mounting screw: 1
4GA3	4G3R-MOUNT-PLATE-KIT		Mounting plate: 1 Mounting screw: 1

Cartridge push-in fitting for supply and exhaust block (MN4G*1 / 2)

Model No.	Fitting		Part model No.		Parts diagram
Fitting for 1 (P), 3/5 (R) port					
MN3G*1 MN4G*1	Metric size Push-in	Straight	ø6	N4G1R-Q-JOINT-6	
		Short elbow		N4G1R-Q-JOINT-6L	
		Long elbow		N4G1R-Q-JOINT6LL	
		Straight	ø8	N4G1R-Q-JOINT-8	
		Short elbow		N4G1R-Q-JOINT-8L	
		Long elbow		N4G1R-Q-JOINT-8LL	
	Inch size Push-in	Straight	ø1/4	N4G1R-Q-JOINT-6N	
		Short elbow		N4G1R-Q-JOINT-6LN	
		Long elbow		N4G1R-Q-JOINT-6LLN	
		Straight	ø5/16	N4G1R-Q-JOINT-8N	
		Short elbow		N4G1R-Q-JOINT-8LN	
		Long elbow		N4G1R-Q-JOINT-8LLN	
	Plug cartridge		-	N4G1R-Q-JOINT-PG	
MN3G*2 MN4G*2	Metric size Push-in	Straight	ø8	N4G2R-Q-JOINT-8	
		Short elbow		N4G2R-Q-JOINT-8L	
		Long elbow		N4G2R-Q-JOINT-8LL	
		Straight	ø10	N4G2R-Q-JOINT-10	
		Short elbow		N4G2R-Q-JOINT-10L	
		Long elbow		N4G2R-Q-JOINT-10LL	
	Inch size Push-in	Straight	ø5/16	N4G2R-Q-JOINT-8N	
		Short elbow		N4G2R-Q-JOINT-8LN	
		Long elbow		N4G2R-Q-JOINT-8LLN	
		Straight	ø3/8	N4G2R-Q-JOINT-10N	
		Short elbow		N4G2R-Q-JOINT-10LN	
		Long elbow		N4G2R-Q-JOINT-10LLN	
	Plug cartridge		-	N4G2R-Q-JOINT-PG	
Fitting for 12/14 (PA) port					
MN3G*1, 2 MN4G*1, 2	Metric size Push-in	Straight	ø6	N4GR-QK-JOINT-6	
		Short elbow		N4GR-QK-JOINT-6L	

MEMO

