

Pilot operated 5-port valve

(M)4GA4, B4 Series

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Cartridge-type Push-in fittings and Individual Related Components
Adaptor related kit/Individual sub-plate

Cartridge-type Push-in fittings and Individual Related Components

●Cartridge type push-in fittings

Fitting	Part model No.	Parts diagram	Qty.
8	4G4-JOINT-C8		1 each
ø10	4G4-JOINT-C10		
ø12	4G4-JOINT-C12		

●Fitting stopper plate kit

Part model No.	Parts diagram	Qty.
4GA4-JNT-STP-PLATE-KIT		1 each
4GB4-JNT-STP-PLATE-KIT-1 *1		
4GB4-JNT-STP-PLATE-KIT-2 *2		

*1: When the port size of manifold port P is 3/8

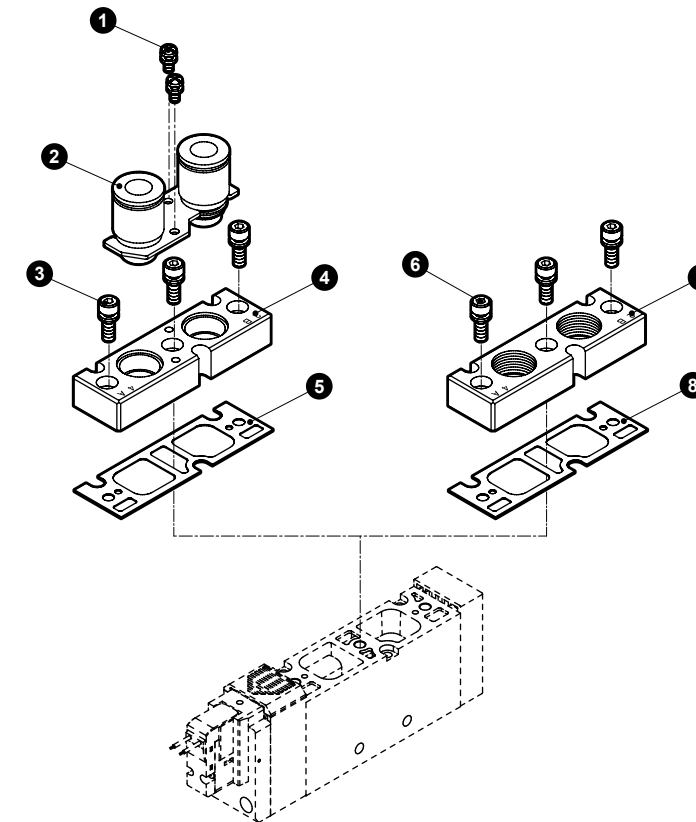
*2: When the port size of manifold port P is 1/2

●Individual Sub-plate (4GB4)

Port Size	Part model No.	Parts diagram
Rc 3/8	4G4-SUB-BASE-10-□	
Rc 1/2	4G4-SUB-BASE-15-□	
G 3/8	4G4-SUB-BASE-10G-□	
G 1/2	4G4-SUB-BASE-15G-□	
NPT 3/8	4G4-SUB-BASE-10N-□	
NPT 1/2	4G4-SUB-BASE-15N-□	

□: Option blank: None K: External pilot F: Port A/B filter integrated

Adaptor related kit



●Fitting adaptor kit

Port Size	Part model No.	Parts diagram	No.	Qty.
ø8	4GA4-JNT-ADAPTOR-KIT-C8-□		1	2
ø10	4GA4-JNT-ADAPTOR-KIT-C10-□		2	1
ø12	4GA4-JNT-ADAPTOR-KIT-C12-□		3	3
			4	1
			5	1

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

●Female thread adaptor kit

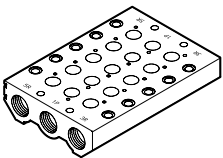
Thread	Part model No.	Parts diagram	No.	Qty.
Rc3/8	4GA4-FML-ADAPTOR-KIT-10-□		6	3
G3/8	4GA4-FML-ADAPTOR-KIT-10G-□		7	1
NPT3/8	4GA4-FML-ADAPTOR-KIT-10N-□		8	1

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

(M)4GA4, B4 Series

Manifold Individual wiring

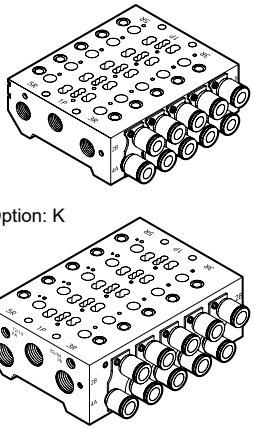
●Manifold Sub-plate kit (M4GA4)

Port Size	Part model No.	Parts diagram
00	M4GA4-00-[*1]-[*2]	
00N	M4GA4-00N-[*1]-[*2]	
00G	M4GA4-00G-[*1]-[*2]	

*1: Option blank, F (port A/B filter integrated)
*2: Station No. (2 to 15)

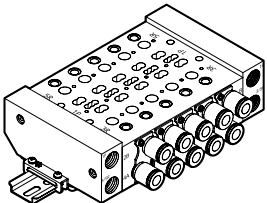
●Manifold Sub-plate kit (M4GB4)

• Direct mount

Port Size	Part model No.	Parts diagram
ø8	M4GB4-C8-[*1]-[*2]	 Option: K
ø10	M4GB4-C10-[*1]-[*2]	
ø12	M4GB4-C12-[*1]-[*2]	
Rc1/4	M4GB4-08-[*1]-[*2]	
Rc3/8	M4GB4-10-[*1]-[*2]	
Rc1/2	M4GB4-15-[*1]-[*2]	
G1/4	M4GB4-08G-[*1]-[*2]	
G3/8	M4GB4-10G-[*1]-[*2]	
G1/2	M4GB4-15G-[*1]-[*2]	
NPT1/4	M4GB4-08N-[*1]-[*2]	
NPT3/8	M4GB4-10N-[*1]-[*2]	
NPT1/2	M4GB4-15N-[*1]-[*2]	

*1: Option blank, K (External pilot) F (port A/B filter integrated)
*2: When selecting Station No. (2 to 15) 15 (Rc1/2), 15G (G1/2), 15N (NPT1/2), K (external pilot), up to 12 stations can be selected.

• DIN rail mount

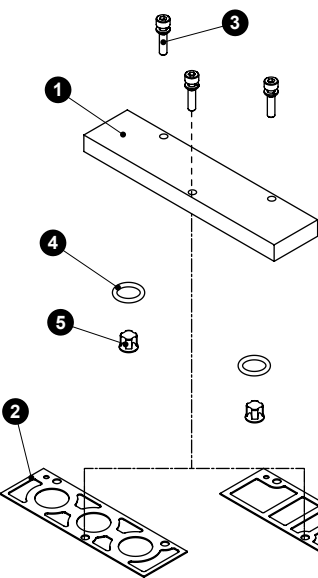
Port Size	Part model No.	Parts diagram
ø8	M4GB4-C8-[*1]QD-[*2]	
ø10	M4GB4-C10-[*1]QD-[*2]	
ø12	M4GB4-C12-[*1]QD-[*2]	
Rc1/4	M4GB4-08-[*1]QD-[*2]	
Rc3/8	M4GB4-10-[*1]QD-[*2]	
Rc1/2	M4GB4-15-[*1]QD-[*2]	
G1/4	M4GB4-08G-[*1]QD-[*2]	
G3/8	M4GB4-10G-[*1]QD-[*2]	
G1/2	M4GB4-15G-[*1]QD-[*2]	
NPT1/4	M4GB4-08N-[*1]QD-[*2]	
NPT3/8	M4GB4-10N-[*1]QD-[*2]	
NPT1/2	M4GB4-15N-[*1]QD-[*2]	

*1: Option blank, F (port A/B filter integrated)
*2: Station No. (2 to 5)

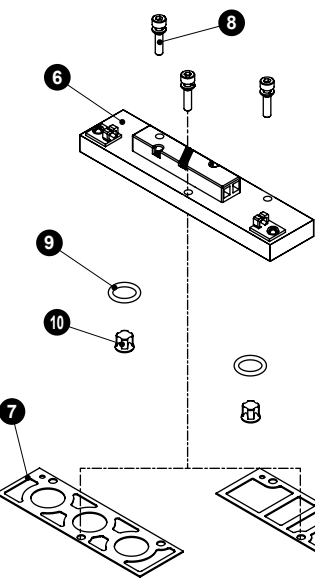
Manifold related parts

●Masking plate kit

• Individual wiring

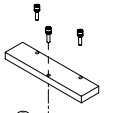


• Reduced wiring

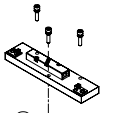


A type gasket B type gasket A type gasket B type gasket

• Individual wiring

Part model No.	Parts diagram	No.	Qty.
4GA4-MP		①	1
		②	1
		③	3
4GB4-MP		④	2
		⑤	2

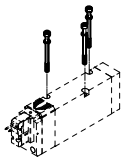
• Reduced wiring

Part model No.	Parts diagram	No.	Qty.
4GA4-MPC		⑥	1
		⑦	1
		⑧	3
4GB4-MP-C		⑨	2
		⑩	2

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Sub-plate kit/coil replacement related parts

●Mounting screw

Part model No.	Parts diagram	Qty.
4G4-SET-SCREW		10

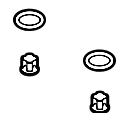
●Threaded plug

Port Size	Part model No.	Parts diagram	Qty.
06	4G4-8P		1
08	4G4-10P		
10	4G4-12P		

●Gasket

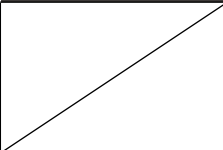
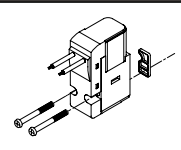
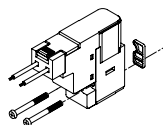
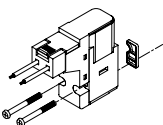
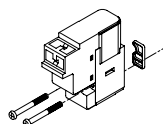
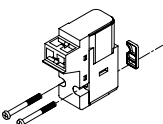
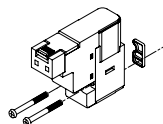
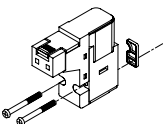
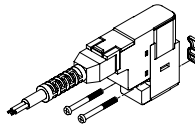
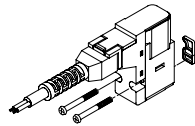
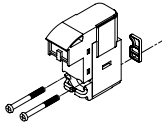
Part model No.	Parts diagram	Qty.
4GA4-GASKET		1
4GB4-GASKET		

●PR check valve kit

Part model No.	Parts diagram	Qty.
4G4-PR		2 each

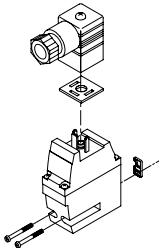
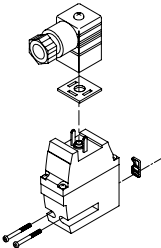
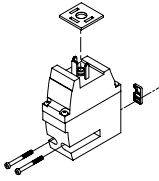
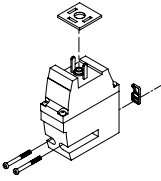
Coil replacement related parts

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

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]		

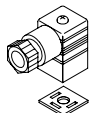
*1: Option (blank, A (ozone, coolant proof), S (Surgeless), E (Low exoergic, energy saving circuit), K (External pilot))
*2: Voltage (1(100 VAC), 2(200 VAC), 3(24 VDC), 4(12 VDC), 5(110 VAC))
*3: Ozone and coolant are available for 200 VAC even if "A" is not selected.

Coil assembly (DIN terminal box)

Electrical connections			Part model No.	Parts diagram	
Type	Surge suppressor	Lamp		Voltage: AC	Voltage : DC
DIN terminal box	●	●	4G4R-B-[* 1]-COIL-[* 2]		
	●		4G4R-BN-[* 1]-COIL-[* 2]		

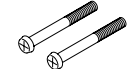
*1: Option (blank, A (ozone/coolant proof), K(External pilot))
*2: Voltage (1(100 VAC), 2(200 VAC), 3(24 VDC), 4(12 VDC), 5(110 VAC))
*3: Ozone and Coolant are supported for 200 VAC even if "A" is not selected.

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))100 VAC and 110 VAC are common to the terminal box

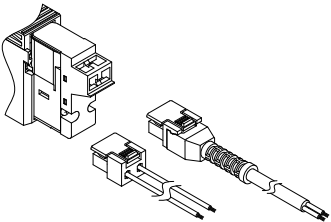
Coil parts

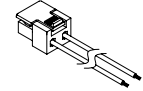
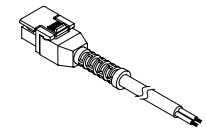
Part name	Part model No.	Parts diagram	Qty.
Coil gasket	4GR-COIL-GASKET		1
Coil mounting screw	4GR-COIL-SET-SCREW		2

Coil replacement related parts/lead wire related parts

Lead wire related parts

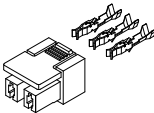
E-, EJ-connector socket assemblies



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]	
EJ-connector	3000	4GR-SOCKET-ASSY-E23-[* 1]	
	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), 2(200 VAC), 3(24 VDC), 4(12 VDC)) 100 VAC and 110 VAC are common to socket assembly

Socket set



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