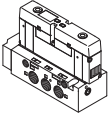
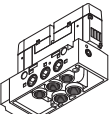
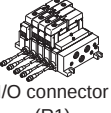
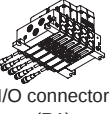
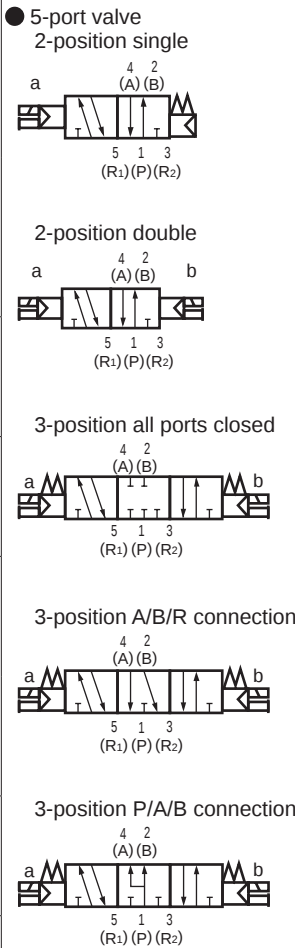


Series variation

W4G4 Series

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

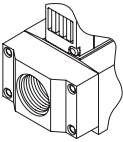
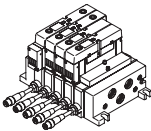
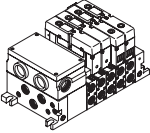
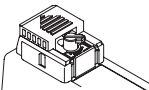
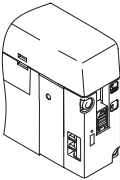
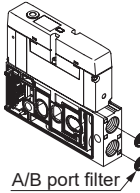
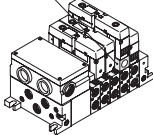
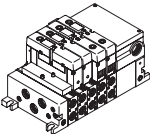
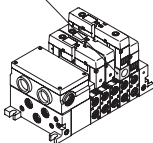
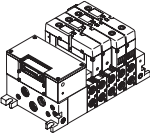
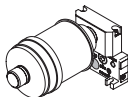
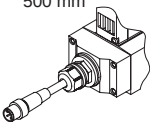
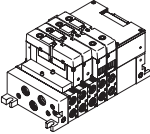
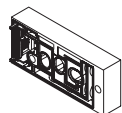
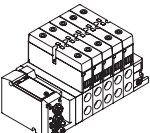
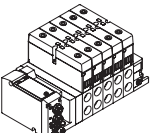
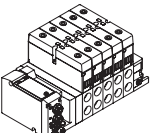
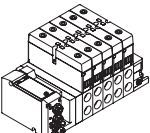
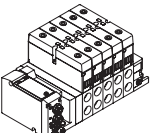
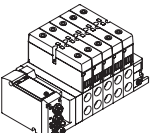
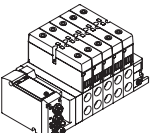
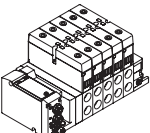
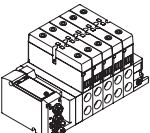
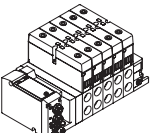
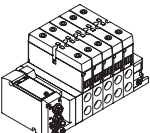
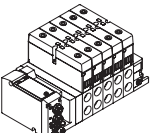
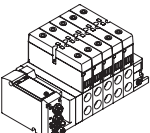
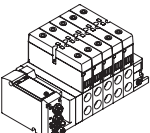
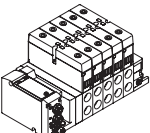
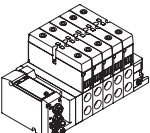
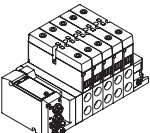
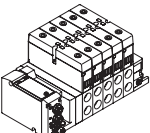
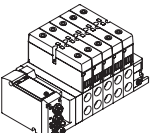
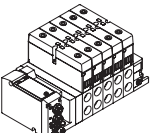
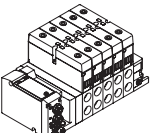
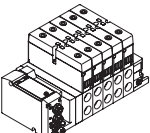
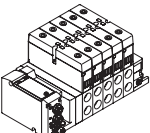
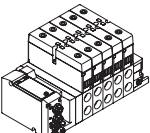
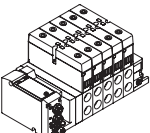
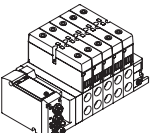
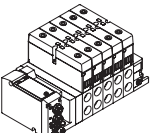
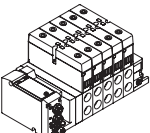
Series variation/appearance	Model No.	Position Number of solenoids JIS symbol	Valve performance		Voltage			
			Flow characteristics C [dm ³ /(s·bar)] *1	Cylinder bore size	100 VAC	24 VDC	12 VDC	110 VAC
					1	3	4	5
Single unit	Base side piping W4GB4*0 	W4GB4	to 7.3	to ø125	●	●	●	●
	Base bottom piping W4GZ4*0 				●	●	●	●
Individual wiring manifold	Base side piping MW4GB4*0  I/O connector (R1)	MW4GB4 (NW4GB4)	to 8.3	to ø125		●	●	
	Base bottom piping MW4GZ4*0  I/O connector (R1)	MW4GZ4 (NW4GZ4)				●	●	
Base side piping	MW4GB4*0  Common terminal block (T10)  Common terminal block (T10R)  D-sub-connector (T30) (custom order)  D-sub-connector (T30R) (custom order)  Serial transmission (T7*)	MW4GB4 (NW4GB4)	to 8.3	to ø125	●	●	●	●
					●	●	●	●
Reduced wiring manifold	MW4GZ4*0  Common terminal block (T10)  Common terminal block (T10R)  D-sub-connector (T30)  D-sub-connector (T30R)  Serial transmission (T7*)	MW4GZ4 (NW4GZ4)	to 8.3	to ø125	●	●	●	●
					●	●	●	●



*1: Effective cross-sectional area "S" and sonic conductance "C" are converted as $S \times 5.0 \approx C$.

	Degree of protection	Switching position						A/B piping connection port											Electrical connections					Page
		2-position		3-position		Mix	Push-in fitting				Female thread							Terminal block	IO Connector	Common terminal block	D-sub-connector (Custom order)	Serial transmission		
		Single	Double	All ports closed	ABR connection		PAB connection	ø8	ø10	ø12	Mix	Rc 1/4	Rc 3/8	G 1/4	G 3/8	NPT 1/4	NPT 3/8						Mix	
							C8	C10	C12	CX	08	10	08G	10G	08N	10N	HX	Blank	R1	T10	T30	T7□		
	IP65	●	●	●	●	●					●	●	●	●	●	●		●	●				1118	
	IP65	●	●	●	●	●					●	●	●		●			●	●				1118	
	IP65	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●				1124	
	IP65	●	●	●	●	●	●				●		●		●		●		●				1124	
	IP65	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●		1128	
	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●			
	IP65	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					●		
	IP65	●	●	●	●	●	●				●	●	●		●		●			●			1128	
	-	●	●	●	●	●	●				●	●	●		●		●				●			
	IP65	●	●	●	●	●	●				●	●	●		●		●					●		

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

4GA/B	Electrical connections			Manual override		Other options		
M4GA/B	Single unit	Individual wiring manifold	Reduced wiring manifold					
MN4GA/B	Blank	R1	T10	Blank	M7	K	F	Z1
4GA/B (master)	Terminal block	I/O connector (for DC)	Common terminal block (left-sided specifications)	Non-locking/locking common manual override	Manual override with OFF function	External pilot	A/B port filter integrated	Air supply spacer
4GB With sensor		● Lead wire length 500 mm 				Separate circuits for main and pilot pressure.		
4GD/E	R1	I/O connector (for DC)	T10R	M	● Locking Slide upward to "turn OFF pilot air" Original position in normal use 	Select for coolant inflow measures.	A Coolant proof	Z3
M4GD/E			Common terminal block (Right-sided spec.)	Non-locking manual override (standard)				Exhaust spacer
MN4GD/E								
4GA4/B4			T30	D-sub-connector (Left-sided spec.)				Common exhaust block/with exhaust cleaner
MN3E				(Custom made)				
MN4E			T30R	D-sub-connector (Right-sided spec.)				Partition block
W4GA/B2	● Lead wire length 500 mm 			(Custom order)				
W4GB4	R1	I/O connector (for DC)	T7*	Serial transmission (Left-sided spec.)		Select for coolant inflow measures.	A Coolant proof	Z3
MN3S0				(Custom order)				
MN4S0			T7*	Serial transmission (Left-sided spec.)				
4SA/B0				(Custom order)				
4KA/B				(Custom order)				
4KA/B (master)	R1	I/O connector (for DC)	T7*	Serial transmission (Left-sided spec.)				
4F				(Custom order)				
4F (master)				(Custom order)				
PV5G				(Custom order)				
GMF				(Custom order)				
PV5	R1	I/O connector (for DC)	T7*	Serial transmission (Left-sided spec.)				
GMF				(Custom order)				
PV5S-0				(Custom order)				
3Q				(Custom order)				
MV3QR				(Custom order)				
3MA/B0	R1	I/O connector (for DC)	T7*	Serial transmission (Left-sided spec.)				
3PA/B				(Custom order)				
P/M/B				(Custom order)				
NP/NAP				(Custom order)				
NVP				(Custom order)				
4G*0EJ	R1	I/O connector (for DC)	T7*	Serial transmission (Left-sided spec.)				
4F*0EX				(Custom order)				
4F*0E				(Custom order)				
HMV				(Custom order)				
HSV				(Custom order)				
2QV	R1	I/O connector (for DC)	T7*	Serial transmission (Left-sided spec.)				
3QV				(Custom order)				
SKH				(Custom order)				
Silencer				(Custom order)				
TotAirSys (Total Air)				(Custom order)				
TotAirSys (Gamma)	R1	I/O connector (for DC)	T7*	Serial transmission (Left-sided spec.)				
Ending				(Custom order)				
				(Custom order)				
				(Custom order)				
				(Custom order)				
				(Custom order)				

Electric connection circuit diagram (inside solenoid valve)

