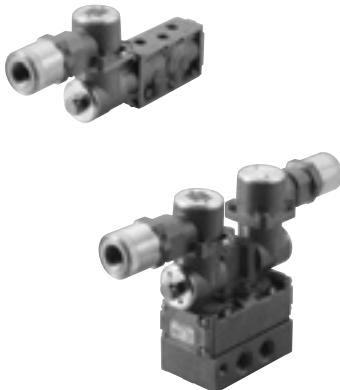
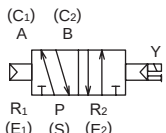
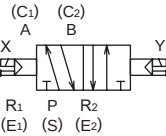
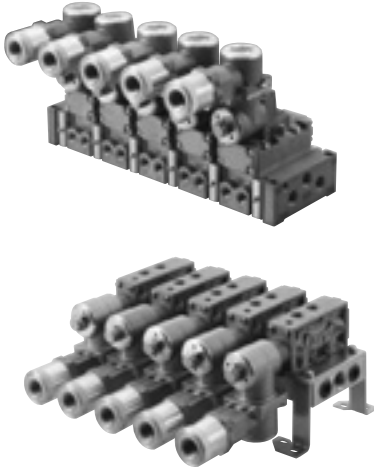
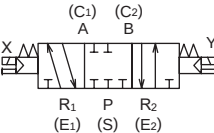
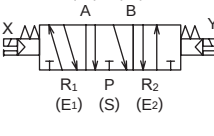


Series variation

4F**0EX 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 external appearance		Model No.		Position Number of solenoids JIS symbol		Flow characteristics		Applicable cylinder bore size	
						C [dm ³ /(s·bar)] *1	Effective cross-sectional area S (mm ²)		
Single unit		Direct	4F3*0EX		3.9 to 5.8	-	ø63 to ø100		
			4F4*0EX		5.0 to 5.3	-	ø63 to ø100		
		Sub-plate	4F5*0EX			9.7 to 10	-	ø80 to ø160	
			4F6*0EX			15 to 18	-	ø140 to ø200	
			4F7*0EX			-	160	ø180 to ø250	
Manifold		Direct	M4F3*0EX		3.9 to 5.8	-	ø63 to ø100		
			M4F4*0EX		5.0 to 5.3	-	ø63 to ø100		
		Sub-plate	M4F5*0EX			9.7 to 10	-	ø80 to ø160	
			M4F6*0EX			15 to 18	-	ø140 to ø200	
			M4F7*0EX			-	160	ø180 to ø250	

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

	Switching position						Port size of A/B port						External wire pull	Thermal class	Page
	2-position single	2-position double	3-position all ports closed	3-position A/B/R connection	3-position P/A/B connection	Mix	Female thread						Pressure-proof packing protection pipe screw-in	H	
							Rp1/4	Rp3/8	Rc1/4	Rc3/8	Rc1/2	Rc3/4			
	●	●	●	●	●		●	●					●	●	1782
	●	●	●	●	●				●	●			●	●	
	●	●	●	●	●					●	●		●	●	
	●	●	●	●	●						●	●	●	●	
	●	●	●	●	●							●	●	●	
	●	●	●	●	●	●	●	●					●	●	1794
	●	●	●	●	●	●			●				●	●	
	●	●	●	●	●	●				●			●	●	
	●	●	●	●	●	●					●		●	●	
	●	●	●	●	●	●						●	●	●	

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)
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