
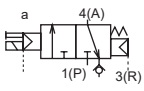
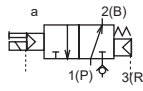
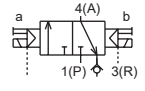
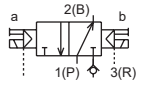


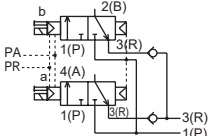
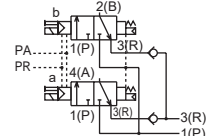
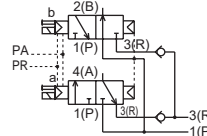
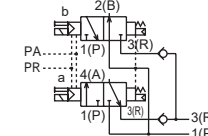

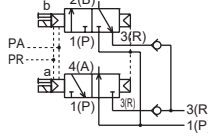
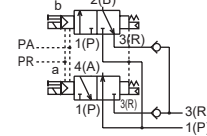
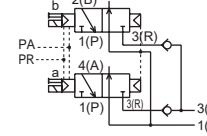
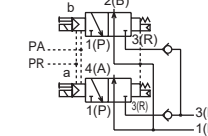

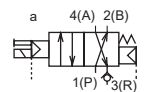
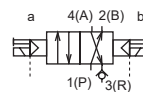

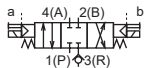
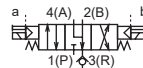
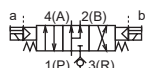


Series variation

MN3E⁰₀₀ / MN4E⁰₀₀ 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		Position Number of solenoids (*1) JIS symbol			
		* The JIS symbols on the actual part may differ from these drawings due to the relation of the space and port position.			
3-port valve	MN3E00 3-port valve  (Valve pitch 7.0mm)	3-port valve ● 2-position NC self-reset (differential pressure spring return)  N3E0010/N3E010	● 2-position NO self-reset (differential pressure spring return)  N3E00110/N3E0110	● 2-position NC self-hold  N3E0020/N3E020	● 2-position NO self-hold  N3E00210/N3E0210
	MN3E0 3-port valve  (Valve pitch 10.0 mm)				
Two 3-port valves integrated	MN3E00 Two 3-port valves integrated  (Valve pitch 7.0mm)	Two 3-port valves integrated ● NC/NC self-reset (Differential pressure return)  N3E00660/N3E0660	● NC/NC self-reset (Differential pressure spring return)  N3E0066S0/N3E066S0	● NC/NO self-reset (Differential pressure return)  N3E00670/N3E0670	● NC/NO self-reset (Differential pressure spring return)  N3E0067S0/N3E067S0
	MN3E0 Two 3-port valves integrated  (Valve pitch 10.0 mm)	● NO/NC self-reset (Differential pressure return)  N3E00760/N3E0760	● NO/NC self-reset (Differential pressure spring return)  N3E0076S0/N3E076S0	● NO/NO self-reset (Differential pressure return)  N3E00770/N3E0770	● NO/NO self-reset (Differential pressure spring return)  N3E0077S0/N3E077S0
4-port valve	MN4E00 4-port valve  (Valve pitch 7.0mm)	4-port valve ● 2-position single self-reset (Differential pressure spring return)  N4E0010/N4E010	● 2-position double self-hold  N4E0020/N4E020		
	MN4E0 4-port valve  (Valve pitch 10.0 mm)	● 3-position all ports closed  N4E030	● 3-position ABR connection  N4E040	● 3-position PAB connection  N4E050	

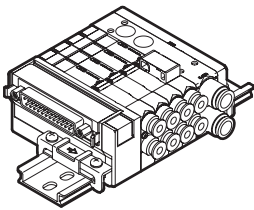
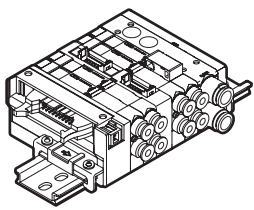
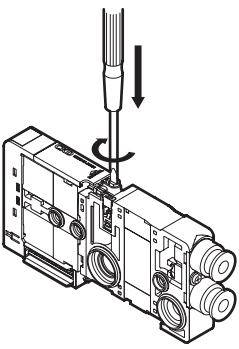
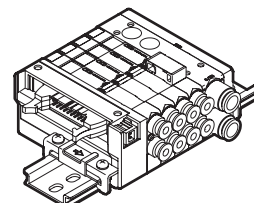
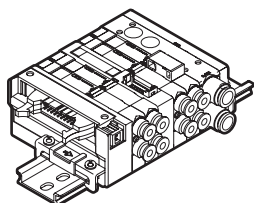
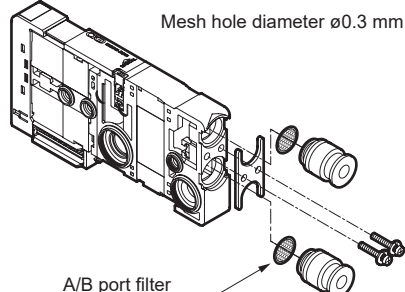
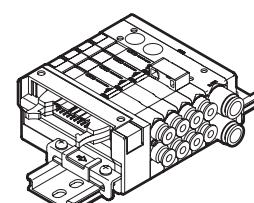
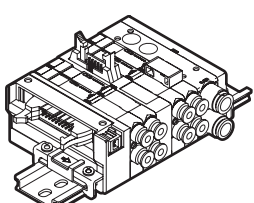
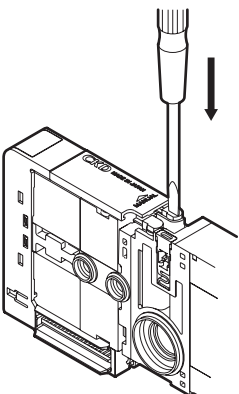
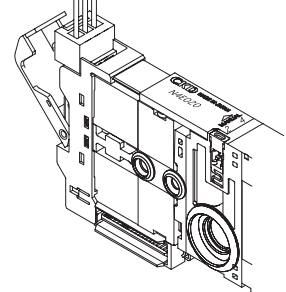
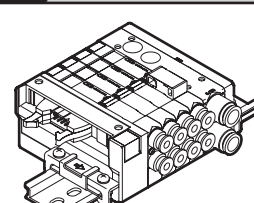
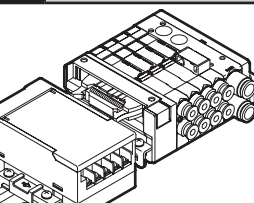
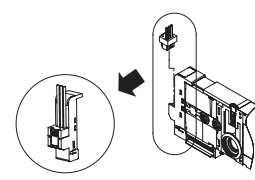
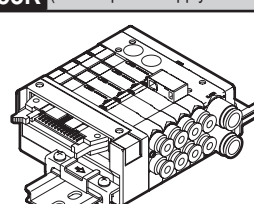
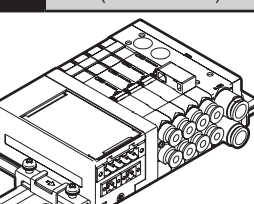
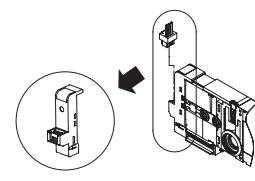
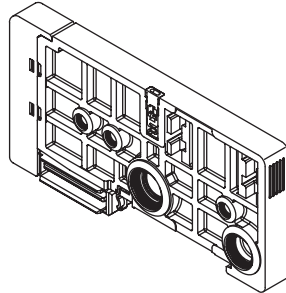
*1: Refer to "Self-reset" on page 959 for operation of the self-reset.

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

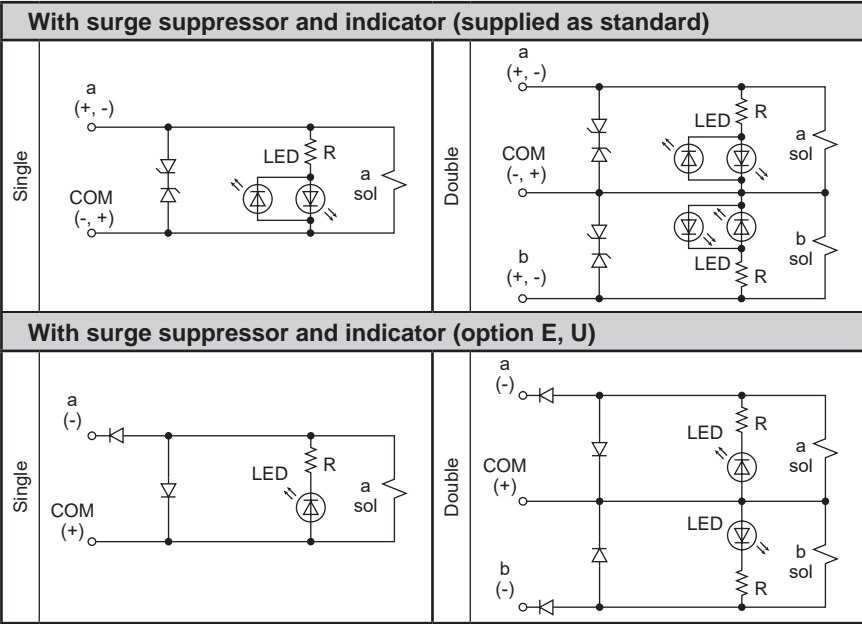
	Flow characteristics C [dm³/(s·bar)] (*2)	Voltage (V)	Switching position											Port size of A/B port						Electrical connections								Page													
			3-port valve				Two 3-port valves integrated		4-port valve					Push-in fitting			Female thread			Fiber tube fitting	Ø 1/8"	Ø 5/32"	Individual wiring	D sub-connector	Flat cable	Intermediate wiring block	Wiring block mix		Serial transmission												
			Single NC	Single NO	Double NC	Double NO	NC on A side, NC on B side	NC on A side, NO on B side	NO on A side, NC on B side	NO on A side, NO on B side	2-position single	2-position double	3-position all ports closed	3-position A/B/R connection	3-position P/A/B connection	Mix	C18	C3	C4											C6	M3	M5	CF	C3N	C4N	D□	T30□ T30N□	T5□	TM□	TX	T6G1 T7□
	0.3	(*3) 24 DC 12 DC *3: Serial transmission is 24 VDC only	●	●	●	●									●	●	●	●			●			●	●	●	●	●	●	●	●	872									
	0.54		●	●	●	●									●	●		●	●			●	●	●	●	●	●	●	●	●	●	896									
	0.3						●	●	●	●					●	●	●	●			●			●	●	●	●	●	●	●	●	●	872								
	0.50						●	●	●	●					●	●		●	●			●	●	●	●	●	●	●	●	●	●	●	896								
	0.3										●	●			●	●	●	●			●			●	●	●	●	●	●	●	●	●	872								
	0.54 0.50 (N4E030) (N4E050)									●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	896									

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

MN3E⁰₀₀/MN4E⁰₀₀ Series

	Wiring method		Manual operating device		Other options	
4GA/B	T30(N) T30(N)R 	TM1A Intermediate wiring block (RITS6PX2) 	Blank ● Common for locking/non-locking (standard) 	E Low exoergic/ energy saving circuit	A Ozone-proof product	
M4GA/B						
MN4GA/B						
4GA/B (master)						
4GB With sensor	T50 T50R 20-pin flat cable connector (with power supply terminal) 	TM1C Intermediate wiring block (RITS6PX1) 		F A/B port filter integrated 		
4GD/E						
M4GD/E						
MN4GD/E						
4GA4/B4	T51 T51R 20-pin flat cable connector (without power supply terminal) 	TM52 Intermediate wiring block (10-pin flat cable connector) 	M For non-locking 	U Built-in individual power supply function (AUX) * MN3E0/MN4E0 only 		
MN3E MN4E						
W4GA/B2						
W4GB4						
MN3S0 MN4S0	T52 T52R 10-pin flat cable connector (without power supply terminal) 	T6G1 Serial transmission 		D* Individual wiring D-connector 		
4SA/B0						
4KA/B						
4KA/B (master)						
4F	T53 T53R 26-pin flat cable connector (without power supply terminal) 	T7* Serial transmission (close contact) 		D* Individual wiring D-connector without socket/with socket and terminal 		
4F (master)						
PV5G GMF						
PV5 GMF						
PV5S-0				Dummy block 		
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)						

Electric connection circuit diagram



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