

3Q Series

Series variation

	Electrical connections/Series external appearance		No. of ports	Position Number of solenoid valves JIS symbol	Valve performance		Switching position			Port size	Electrical connections				Page
					Flow characteristics C [dm ³ /(s·bar)] *1	Applicable cylinder diameter	Voltage [V]	2-position single (self-reset)	2-position single (self-hold)		Mix manifold	Grommet lead wire	C-connector	D-connector	
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															

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

*2: For 3QRA and 3QRB Series, large flow rate (H) cannot be selected for flow rate size.

Electrical connection circuit diagram

Electrical connection circuit diagram

● 3QE Series

Electrical connections		Without lead wire	With lead wire	With indicator lamp	With surge suppressor	Without socket	Circuit diagram
Blank	Grommet lead wire		●				
E0	E-connector		●				
E0*J	EJ-connector		●				
E0N	E-connector					●	
E1	E-connector	●					
E2	E-connector		●	●	●		
E2*J	EJ-connector		●	●	●		
E2N	E-connector			●	●	●	
E3	E-connector	●		●	●		
Option S	E2	E-connector		●	●		
	E2*J	EJ-connector		●	●		
	E2N	E-connector			●	●	
Option E	E2	E-connector		●	●		
	E2*J	EJ-connector		●	●		
	E2N	E-connector			●	●	

● 3QB Series

Wiring circuit	Connection
	C-connector (C2*/C3) D-connector (D2*/D3) Polarized

● 3QRA/3QRB Series

Voltage	Solenoid position	Option	Wiring circuit	Connection
DC	2-position Single (Self-reset)	-		Grommet lead wire (blank) No polarity
		With surge suppressor and indicator lamp		C-connector (C2*/C3) D-connector (D2*/D3) No polarity
	2-position Single (self-hold)	Large flow rate with surge suppressor and indicator lamp		C-connector (C2*/C3) D-connector (D2*/D3) Polarized
		With surge suppressor and indicator lamp		C-connector (C2*/C3) D-connector (D2*/D3) Polarized

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
HNV
HSV
2QV
3QV
SKH
Silencer
TotAirSys (Total Air)
TotAirSys (Gamma)
Ending