

Body Ported
Plug Lead Unit

5 Port Solenoid Valve

VQZ1000/2000/3000 Series

Single Unit



[Option]
Note) AC-type models that are CE-compliant have DIN terminals only.

How to Order Valve



Made to Order
(For details, refer to page 751.)

VQZ 1 1 2 1 - 5 M - 1 - C6 - - -

Series

1	VQZ1000 body width 10 mm
2	VQZ2000 body width 15 mm
3	VQZ3000 body width 18 mm

Body type
2 Body ported

Seal type
0 Metal seal
1 Rubber seal

Type of actuation

1	2 position single	3 position exhaust center
2	2 position double	3 position pressure center
	 Metal seal Rubber seal	
3	3 position closed center	

Note) There is no 3 position pressure center for the metal seal type of the VQZ1000 series.

IP65 compliant

NII	—
W Note)	Compliant

Note) VQZ2000/3000 DIN terminal rubber seal only (except external pilot). For details on IP65 enclosure, refer to page 709.

CE-compliant

NII	—
Q	CE-compliant

Note) AC-type models that are CE-compliant have DIN terminals only.

Port size [4(A), 2(B) port]

Symbol	Port size	VQZ1000	VQZ2000	VQZ3000
C3	ø3.2 One-touch fitting	○	—	—
C4	ø4 One-touch fitting	○	—	—
C6	ø6 One-touch fitting	○	○	○
C8	ø8 One-touch fitting	—	—	—
C10	ø10 One-touch fitting	—	—	○
M5	M5 thread	○	○	—
Ø2	Rc 1/4	—	—	○

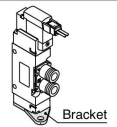
Note) For inch size One-touch fittings and optional thread type, refer to page 709.

Manual override

NII: Non-locking push type (Tool required)

B: Locking type (Tool required)

NII: None
F: With bracket (2 position single only)



Function

Symbol	Specifications	DC	AC
NII	Standard	(0.35 W) Note 4)	Note 4)
B Note 1)	High speed response type	(0.9 W)	—
K Note 1)	High pressure type (Metal seal type only)	(0.9 W)	—
R Note 1, 2, 3)	External pilot type	○	○
BR Note 1, 2, 3)	High speed response/External pilot type	(0.9 W)	—
KR Note 1, 2, 3)	High pressure/External pilot type (Metal seal type only)	(0.9 W)	—

Note 1) Semi-standard
Note 2) For details on external pilot type, refer to page 709.
Note 3) There is no VQZ1000 setting.
Note 4) For AC specification power consumption, refer to page 690.

Coil voltage

1	100 VAC (50/60 Hz)
2	200 VAC (50/60 Hz)
3	110 VAC [115 VAC] (50/60 Hz)
4	220 VAC [230 VAC] (50/60 Hz)
5	24 VDC
6	12 VDC

Electrical entry

	G: Grommet (DC specification)	L: L-type plug connector with lead wire	LO: L-type plug connector without connector	M: M-type plug connector with lead wire	MO: M-type plug connector without connector
	With light/surge voltage suppressor	With light/surge voltage suppressor	With light/surge voltage suppressor	With light/surge voltage suppressor	With light/surge voltage suppressor
CE-compliant	AC	●	—	—	—
	DC	—	●	—	●
	Y: DIN terminal Note 1)	YO: DIN terminal without connector Note 1)	YZ: DIN terminal Note 1)	YOS: DIN terminal without connector (DC specification) Note 1)	YS: DIN terminal (DC specification) Note 1)
	With light/surge voltage suppressor	With light/surge voltage suppressor	With light/surge voltage suppressor	With surge voltage suppressor	With surge voltage suppressor
CE-compliant	AC	●	●	—	—
	DC	●	—	●	●

Note 1) Applicable to the VQZ2000/3000 for DIN terminal type. For AC voltage valves there is no "S" option. It is already built-in to the rectifier circuit.

Note 2) Standard lead wire length: 300 mm

Note) For applicable one-touch fitting and silencer models for this valve series, refer to page 754.

Note) When ordering the body ported type solenoid valve as a single unit, the manifold mounting screw and gasket are not included. Please order them separately, if necessary. (For details, refer to page 710.)

Caution
Use standard (DC) specification for continuous duty.