Body Ported

Plug Lead Unit

5 Port Solenoid Valve
Series VQZ1000/2000/3000
Single Unit

CE [Option]

Made to Order — Made to Order (For details, refer to page 975.)

How to Order Valve

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

Type of actuation

1	2 position single	Note 1) 5	3 position pressure center
2	2 position double (Metal seal / Rubber seal)	Note 2) 8	3 port for mixture mounting (N.C.)
3	3 position closed center	Note 2) 9	3 port for mixture mounting (N.O.)
4	3 position exhaust center		

Note 1) There is no 3 position pressure center for the metal seal type of the VQZ1000 series.
Note 2) The port plug of the 3 port mixing valve can be replaced with a fitting and the valve used as a 5 port single type valve. (Refer to page 979.)

Body type

2	Body ported

Seal type

0	Metal seal
1	Rubber seal

Function

Symbol	Specifications	DC	AC
Nil	Standard	(0.35 W) ○	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) Option
Note 2) For details on external pilot type, refer to page 933.
Note 3) There is no VQZ1000 setting.
Note 4) For AC specification power consumption, refer to page 914.

IP65 compliant

Nil	—
W Note)	Compliant

Note) VQZ2000/3000 DIN terminal rubber seal only (except external pilot). For details on IP65 enclosure, refer to page 933.

CE compliant

Nil	—
Q	CE marked

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	○	○	—
02	Rc 1/4	—	—	○

Note) For inch size one-touch fittings and optional thread type, refer to page 933.

Manual override

Nil: Non-locking push type (Tool required)

B: Locking type (Tool required)

Option

Nil: None
F: With bracket (2 position single type only)

Bracket

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
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 surge voltage suppressor	With surge voltage suppressor

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

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

Note) For applicable one-touch fitting and silencer models for this valve series, refer to page 978.

⚠ Caution

Use standard (DC) specification for continuous duty.