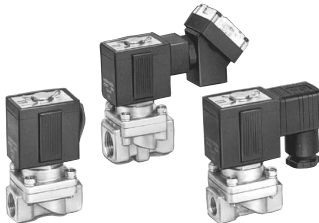


Diaphragm Type Pilot Operated 2 Port Solenoid Valve for High Pressure

VXH Series



- Orifice diameter $\phi 10$
- Max. operating pressure: 2.0 MPa



Valve Specifications

Port size	Orifice dia. (mm)	Min. operating pressure differential (MPa)	Max. operating pressure differential (MPa)		Flow rate characteristics						Max system pressure (MPa)	Note) Weight (g)	
			Water	Air	Oil	Water, Oil, Steam			Air				
						Kv	Cv converted	C[dm³/(s·bar)]	b	Cv			
1/4	10	0.05	2.0	2.0	1.5	1.6	1.9	8.5	0.35	2.0	2.0	550	
3/8						2.0	2.4	9.5	0.30	2.3		550	
1/2						2.0	2.4	9.5	0.30	2.3		630	

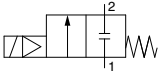
Note) Weight of grommet type. Add 10 g for conduit type, 30 g for DIN terminal, 60 g for conduit terminal type respectively.
 • Refer to "Glossary of Terms" on page 309 for details of max. operating pressure differential and max. system pressure.

Solenoid Specifications

Power source	Frequency (Hz)	Apparent power (VA)		Power consumption (W) (Holding)	Temperature rise (°C) (Rated voltage)
		Inrush	Holding		
AC	50	53	18	7.5	60
	60	44	12	6	50

How to Order

Symbol



2 port valve
for high pressure

VXH2230 - 02 - 1 G - - -

Valve/Body

0 Normally Closed/Single unit

Port size

02	Rc 1/4
03	Rc 3/8
04	Rc 1/2

Rated voltage

1	100 VAC 50/60 Hz
2	200 VAC 50/60 Hz
3	110 VAC 50/60 Hz
4	220 VAC 50/60 Hz
7	240 VAC 50/60 Hz
8	48 VAC 50/60 Hz
9	Other (Only AC)

CE-compliant

NII	—
Q	CE-compliant

* For DIN terminal only

Bracket

NII	None
B	With bracket

Electrical option

NII	None
S	With surge voltage suppressor
L	With indicator light
Z	With light/surge voltage suppressor

* Refer to the table (1) given below for availability.

Electrical entry

G	Grommet
C	Conduit
D	DIN terminal
T	Conduit terminal

* Refer to the table (1) given below for availability.

**Table (1)
Rated Voltage-
Electrical Entry-Electrical Option**

Insulation type		Class B				
Electrical entry		G	C	S	D, T	L, Z
Electrical option		S (Note)	—	S	L, Z	—
AC	1 (100 V)	●	●	●	●	●
	2 (200 V)	●	●	●	●	●
	3 (110 V)	●	●	●	●	●
	4 (220 V)	●	●	●	●	●
	7 (240 V)	●	●	●	—	—
	8 (48 V)	●	●	●	—	—

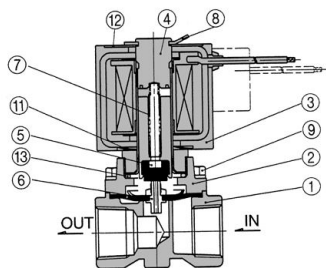
Note) Surge voltage suppressor is attached in the middle of lead wire.

Caution

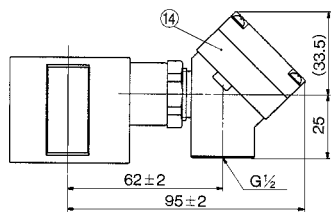
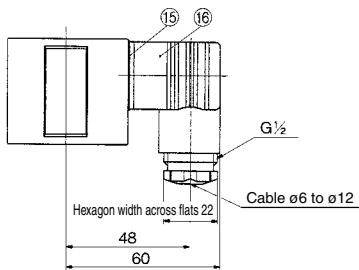
Be sure to read this before handling the products.
 Refer to back page 50 for Safety Instructions and pages 17 to 19 for 2 Port Solenoid Valve for Fluid Control Precautions.



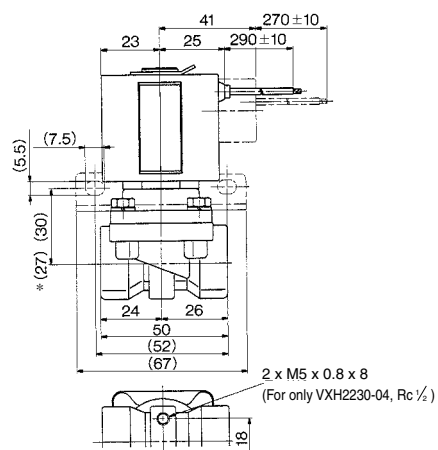
Construction/Dimensions



No.	Description	Material	Note
1	Body	C37	
2	Bonnet	C37	
3	Coil assembly	Epoxy mold	Class B insulation
4	Core assembly	Stainless steel, Cu	
5	Armature assembly	Stainless steel, NBR	
6	Diaphragm assembly	Stainless steel, NBR	
7	Return spring	Stainless steel	
8	Retainer	Stainless steel	
9	Upset bolt	Stainless steel	
10	Bracket	SPC	Option
11	Wave washer	Stainless steel	
12	Name plate	AL	
13	O-ring	NBR	
14	Terminal assembly	—	
15	Seal	CR	
16	DIN terminal	—	



DIN terminal



Conduit terminal

