

High Purity Air Operated Chemical Liquid Valve SY series

Product description

- Applicable for applications requiring high pressure/high back pressure

Expanded and standardized operating pressure/back pressure range

Operating pressure: 0 ~ 0.5MPa

Back pressure: 0 ~ 0.5MPa

- The standard corresponds to various chemical liquids

The actuator adopts fluorine with excellent chemical properties Resin "PVDF", regardless of acid base, can be wide Generally applicable to various conditions.

Model Number

SF 1 - 6 - Z0 PA 4 H - A

①
②
③
④
⑤
⑥
⑦
⑧

① Mode of action

1	NC
2	NO
3	Double acting

② Piping specification

1	2	3	4	6	8
1/8"	1/4"	3/8"	1/2"	3/4"	1"

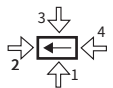
③ Actuator selection

Z0	ON-OFF
10	With flow adjustment (NC type only)

④ Valve body material

PA	High purity PFA
blank	PFA

⑤ Control port direction

4	
1	
2	
3	

⑥ Installation method

F	Flange mounting
X	Ground installation
H	4 Install the screw hole flange

⑦ Stomata specification

blank	RC1/8
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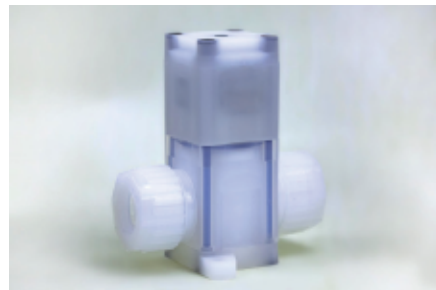
⑧ Control mode

A	Pneumatic control
M	Manual

Parameter specification

Working fluid	Pure water, chemical liquid
Fluid temperature	5-90°C
Operating temperature	0-40°C
Service pressure	0-0.5Mpa
Control pressure	0.35-0.5Mpa
Switching frequency	Less than 20 times/minute
Cv	4.5
Working mode	NC
Piping specification	1/8"、1/4"、3/8" 1/2"、3/4"、1"
Piping interface mode	in-bead
Air port specification	RC 1/8
Installation mode	4 Install the screw hole flange
Use material	Valve body PFA, diaphragm PTFE

Control mode outline diagram



Pneumatic controlled type



Manual type