

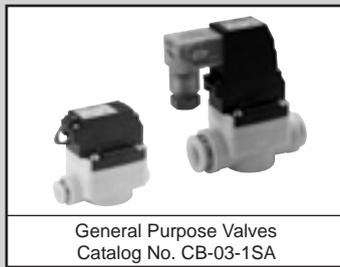
Pilot operated 2-port solenoid valve for compressed air

EXA-FP2 Series

- NC(Normally Closed) type
- Port size: Push-in fitting $\varnothing 6, \varnothing 8, \varnothing 10, \varnothing 12$
- Diaphragm drive

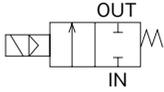


For more information about CE, please check our website.



JIS symbol

- NC (open when energized)



Specifications

Item	EXA-C6	EXA-C8	EXA-C10	EXA-C12
Working fluid	Compressed air			
Working pressure differential MPa	0.01 to 0.7			
Max. working pressure MPa	0.7			
Proof pressure (water pressure) MPa	1.05			
Fluid temperature °C	0 to 55 (no freezing)			
Ambient temperature °C	-5 to 55			
Atmosphere	Place free of corrosive gas/explosive gas and not exposed to water			
Valve structure	Pilot operated diaphragm drive			
Internal leakage cm ³ /min	2 or less			
External leakage cm ³ /min	2 or less			
Mounting orientation	Unrestricted			
Port size	Push-in fitting $\varnothing 6$	Push-in fitting $\varnothing 8$	Push-in fitting $\varnothing 10$	Push-in fitting $\varnothing 12$
C[dm ³ /(s·bar)]	1.6	3.0	3.3	3.6
b	0.45	0.33	0.26	0.20
Weight *1 g	56	57	68	69
Electrical specifications				
Rated voltage	100 VAC(50/60Hz), 24 VDC, 12 VDC			*2
Apparent power VA	1.2			
Power consumption W	DC 0.6			
Thermal class	Class 130 (B)			
Degree of protection (IEC standard: 529)	Lead wire: IPX0, with DIN terminal box: IPX5			

*1: Weight with the DIN terminal box is 20 g.

*2: The voltage fluctuation range is $\pm 10\%$.

How to order

EXA - **C6** - **H** **2C** **B** - **1** - **FP2**

Model No.

A Connected tube outer diameter

B Sealant

C Coil option

D Other options

E Voltage

[Example of model No.]

EXA-C6-H2CB-1-FP2

Model: Compact air blow valve EXA

- A** Connected tube outer diameter : ϕ 20, 6
- B** Sealant material : H-NBR
- C** Coil option : Lead wire
- D** Other options : Mounting plate
- E** Voltage : 100 VAC

Code	Description	
A Connected tube outer diameter		
C6	ϕ 6	
C8	ϕ 8	
C10	ϕ 10	
C12	ϕ 12	
B Sealant		
H	H-NBR, oil-prohibited specifications, internal exhaust specifications	
C Coil option *1		
2C	Standard	Lead wire (without both lamp/surge suppressor)
2G	Option	DIN terminal box (Pg7), without lamp
2GS		DIN terminal box (Pg7), without lamp/with surge suppressor
2H		DIN terminal box (Pg7), with lamp (inside terminal box)
2HS		DIN terminal box (Pg7), with lamp (inside terminal box)/with surge suppressor
D Other options		
Blank	No	
B	With mounting plate	
E Voltage *1		
1	100 VAC	
3	24 VDC	
4	12 VDC	

*1: Refer to the table below for the available coil option and voltage combinations.

Coil option	Voltage		
	1	3	4
2C	●	●	●
2G	●		
2GS		●	●
2H	●		
2HS		●	●

Select from the combinations indicated with ● above.

For dimensions, refer to the EXA Series in "General Purpose Valves (CB-03-1SA)".

Electric actuator	FP1
Pneumatic cylinders	
Assistive device	FP2
Pneumatic valves	
FR/L Auxiliary Components Electronic Component	FP1
Vacuum components	
Main line components	FP2
Fluid control valves	
Main line components	FP2
Anti-bacterial/bacteria-removing filter	
Vacuum components	FP2
Fluid control valves	