



General Purpose Valves
Catalog No. CB-03-1SA

Metal-free 2-port solenoid valve

MYB3 -FP2 Series

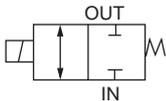
- NC (Normally Closed)
- Working fluid: Water/pure water/chemical liquids
- Port size: Rc1/8, Rc1/4, Rc3/8



For CE details
Check our website.

JIS symbol

- MYB3 (2-port)
: NC



Specifications

Item	MYB3																		
Working fluid	Water/pure water/chemical liquids (fluids that do not corrode wetted part materials)																		
Proof pressure MPa	0.3 (water pressure)																		
Working pressure MPa	<table border="1"> <thead> <tr> <th rowspan="2">Conditions</th> <th rowspan="2">Fluid flow direction</th> <th colspan="2">Working pressure range of each port</th> </tr> <tr> <th>IN</th> <th>OUT</th> </tr> </thead> <tbody> <tr> <td>IN Positive pressure</td> <td>IN→OUT</td> <td>0 to 0.2</td> <td>0 to 0.1</td> </tr> <tr> <td>OUT Positive pressure</td> <td>OUT→IN</td> <td>0 to 0.1</td> <td>0 to 0.1</td> </tr> <tr> <td>IN Negative pressure</td> <td>OUT→IN</td> <td>-0.05 to 0</td> <td>-0.05 to 0</td> </tr> </tbody> </table>	Conditions	Fluid flow direction	Working pressure range of each port		IN	OUT	IN Positive pressure	IN→OUT	0 to 0.2	0 to 0.1	OUT Positive pressure	OUT→IN	0 to 0.1	0 to 0.1	IN Negative pressure	OUT→IN	-0.05 to 0	-0.05 to 0
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	IN Positive pressure	IN→OUT	0 to 0.2	0 to 0.1															
OUT Positive pressure	OUT→IN	0 to 0.1	0 to 0.1																
IN Negative pressure	OUT→IN	-0.05 to 0	-0.05 to 0																
Fluid temperature °C	5 to 60																		
Ambient temperature °C	0 to 50																		
Atmosphere	No explosive or corrosive atmospheres																		
Valve seat leakage cm ³ /min	0 (water pressure)																		
Port size	Rc1/8, Rc1/4, Rc3/8																		
Orifice size mm	5.0 or equiv.																		
Cv	0.5																		
Mounting orientation	Unrestricted																		
Weight kg	0.55																		
Electrical specifications																			
Rated voltage	24 VDC/100 VAC (50/60Hz)																		
Voltage fluctuation range	±10%																		
Power consumption W	AC	11																	
	DC	11.5																	
Leakage current mA	1 or less (24 VDC) / 2 or less (100 VAC) (*1)																		
Thermal class	Class 130 (B)																		

*1: The leakage current from the control circuit must be equal to or less than the values shown in the table.

*2: Always read the precautions in "General Purpose Valves (catalog No.CB-03-1SA)" before use.

How to order

MYB3-**6**-FP2-**DC24V**

A Port size

B Rated voltage

Code	Description
A Port size	
6	Rc1/8
8	Rc1/4
10	Rc3/8
B Rated voltage	
DC24V	24 VDC
AC100V	100 VAC

For dimensions, refer to the MYB3 Series in "General Purpose Valves (CB-03-1SA)".