

High corrosion resistant miniature direct acting 2, 3 port solenoid valve for medical equipment

# UMB1/UMG1 Series

- NC (normally closed) type, universal type
- Working fluid: water, pure water
- Port size: Stainless steel pipe of outer diameter  $\phi 1.26$  x inner diameter  $\phi 0.9$



HNB/G

USB/G

FAB/G

FGB/G

FVB

FWB/G

FHB

FLB

AB

AG

AP/AD

APK/ADK

For dry air

Explosion proof

HVB/HVL

SAB/SVB

NP/NAP/NVP

CHB/G

MXB/G

Other G.P. systems

PD/FAD/PJ

CV/E/CVSE

CPE/CPD

Medical analysis

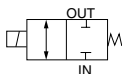
Custom order

Medical analysis process components

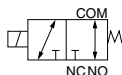
High corrosion resistant 2, 3 port solenoid valve

## JIS symbol

- UMB1 (2 port)  
: NC (normally closed) type



- UMG1 (3 port)  
: universal type



## Specifications

Item	UMB1	UMG1
Working fluid	Water, pure water	
Working pressure range MPa	0 to 0.2	
Fluid temperature °C	5 to 55	
Ambient temperature °C	0 to 55	
Valve seat leakage cm <sup>3</sup> /min.	0 (water pressure)	
Port size	Outer diameter $\phi 1.26$ x inner diameter $\phi 0.9$ stainless steel pipe	
Orifice mm	0.9	
Cv flow factor	0.01	
Mounting attitude	Vertical position with coil facing upward	
Weight kg	0.03	
Volumetric capacity cm <sup>3</sup>	0.08	
Response time ms	8 or less	
Electric specifications		
Rating	Continuous	
Voltage	12 VDC, 24 VDC	
Voltage fluctuation range	-10 to +10% of rated voltage	
Power consumption W	1.5	
Leakage current mA	0.7 or less (12 VDC) / 0.4 or less (24 VDC)	
Heat proof class	B	

\*1: Read the safety precautions for UMB/UMG (page 770).

\*2: Foreign matter etc. inside the piping may cause malfunction and valve seat leakage. Always flush the piping before installing the valve.

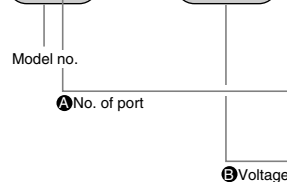
\*3: Do not use for hydrochloric acid, hydrofluoric acid, nitric acid or sodium hypochlorite (soda).

\*4: Protect the product against contact with water.

\*5: Do not disassemble the product.

## How to order

**UMB1** - **T1** - **DC12V**



Symbol	Descriptions
<b>A</b> No. of port	
<b>B</b>	2 port valve
<b>G</b>	3 port valve
<b>B</b> Voltage	
<b>DC12V</b>	12 VDC
<b>DC24V</b>	24 VDC