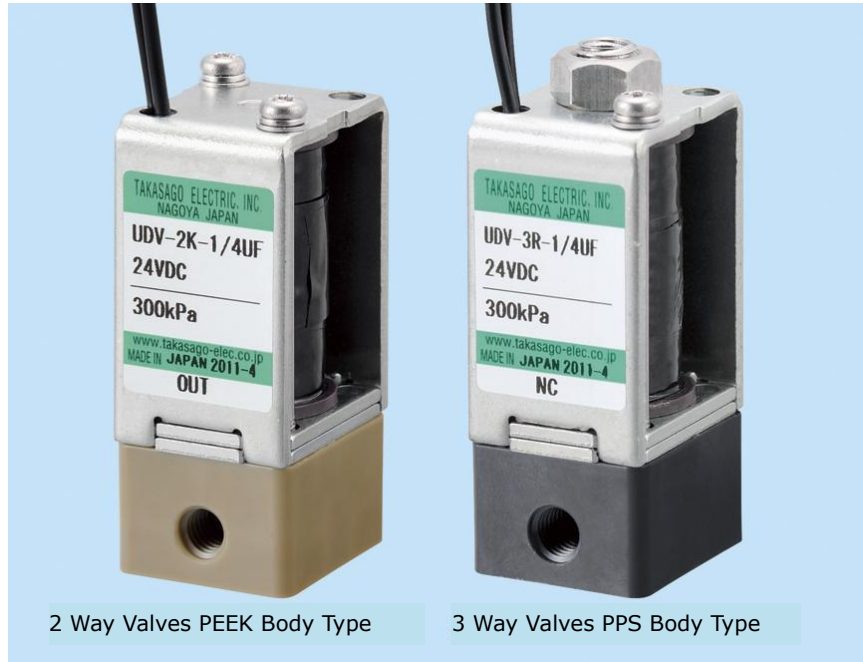


SOLENOID VALVE

Non-Diaphragm Valve UDV Series



Features

- This valve does not have a diaphragm inside. That's why there is no internal volume change by turning on and off the valve, and the pumping volume is reduced by 93 % compared with our equivalent size diaphragm valve (based on the actual measured value of 2-way valve).
 - * Since there is no diaphragm, the metal part of the driving part is directly wetted by the fluids you use. Please confirm the compatibility with the fluids before use.
- Less often dripping when you use these valves for opening/closing dispensing nozzles!
- This valve is adopted in many biochemical analytical equipment. We have sold it more than fifty thousand per year.
- We have made the valve body by molding, which leads to a lower price. We offer two kinds of body material such as PEEK and PPS, which have high chemical inertness and mechanical strength.
- High-pressure model is also available (2-way valve only).

TFS (Takasago Fluidic Systems)

1900 West Park Drive, Suite 280, Westborough, MA 01581 U.S.A.

Tel: +1-508-983-1434

E-mail: info@takasago-fluidics.com

URL: <http://www.takasago-fluidics.com/>

<Specifications>

Model Number	UDV-2x-xF	UDV-2x-xFH	UDV-3x-xF
Orifice Diameter	φ2		N.O.:φ1.2, N.C.:φ1.5
Port Connection	M6, 1/4-28UNF		COM, N.C.:M6, 1/4-28UNF N.O.:M5
Operating Pressure	IN:0 ~ 300 kPa	IN:0 ~ 600 kPa	COM:0 ~ 300 kPa
	OUT:0 ~ 50 kPa		N.C., N.O.:0 ~ 50 kPa
Fluid Temp. Range	5 ~ 60 °C		5 ~ 40 °C
Ambient Temp. Range	5 ~ 60 °C		5 ~ 40 °C
Rated Voltage	12VDC, 24VDC		
Power Consumption	2.4 W	3.1 W	3.7 W
Operating Duration	Continuous Duty		
Insulation Class	Class E		
Seal Material	FKM		
Body Material	PPS, PEEK		
Other Wetted Material	K-M31(Electromagnetic Stainless Steel), SUS304, SUS316WPA		

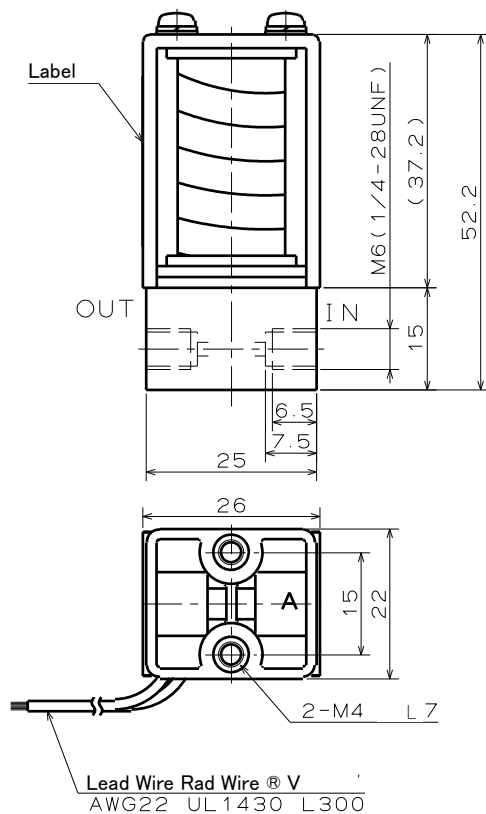
<How to Select Model Number>

UDV - x x - x F x

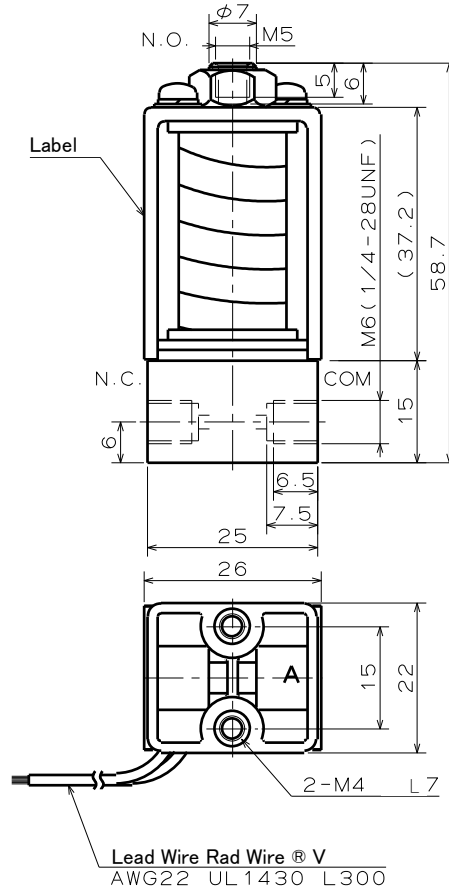
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<Dimensional Drawings>

UDV-2x-xF x



UDV-3x-xF x



Note: Details including specifications may change without notification.