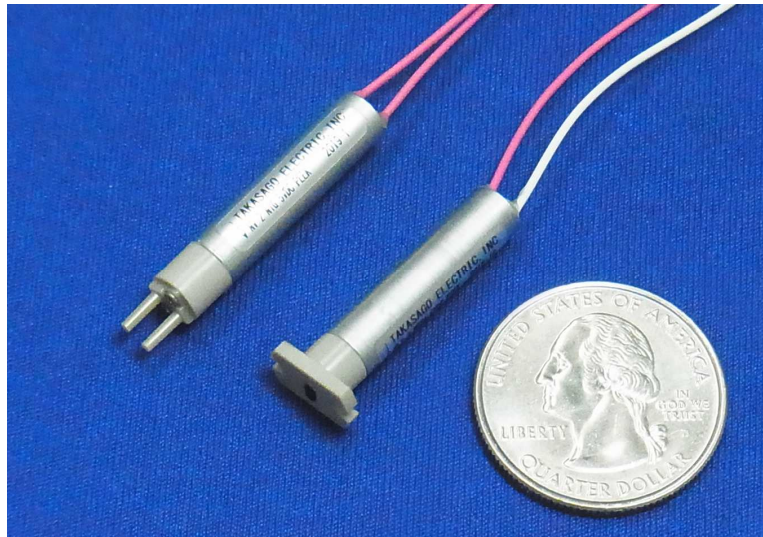


ULTRA-SMALL SOLENOID VALVE

NV/NLV Series



Features

- 1. Outer dimensions: Dia. 5.7 x H27 mm** (pipe type: H32.5)
- 2. Highly chemically inert diaphragm valve**
PEEK and FFKM are used for wetted materials. Materials can be changed according to your requirements.
- 3. Internal volume only 1.2 μ l** (pipe type: 4.3 μ l)
The internal volume of the valve chamber, which can be a dead volume, comprises only 0.75 μ l of the internal volume of the valve.
- 4. Latching solenoid valve (NLV)**
The open/closed status of the valve is maintained by permanent magnetic force, contributing to energy saving and lower heat generation. Power is required only while changing the status (Open to Closed, Closed to Open). It is necessary to reverse current polarity to change the status.

Specifications

Model Number	NV-2-MFGA	NLV-2-MFGA
Type	2-way N.C.	2-way Latching
Orifice Diameter	0.4 mm	
Port Connection	Gasket (Optionally Pipe)	
Operating Pressure Range	IN: 0 ~ 100 kPa	
	OUT: 0 ~ 50 kPa	
Fluid Temp. Range	10 ~ 50°C	
Ambient Temp. Range	10 ~ 50°C	
Rated Voltage	5 VDC, 12 VDC	
Power Consumption	1.2 W	
Seal Materials	FFKM (Optionally FKM)	
Body Materials	PEEK (Optionally PPS)	
Weight	3 g	

Note: Details including specifications may change without notification.

TFS (Takasago Fluidic Systems)

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

Tel:+508-983-1434 FAX:+508-983-1401

E-mail: info@takasago-fluidics.com URL: <http://www.takasago-fluidics.com/>