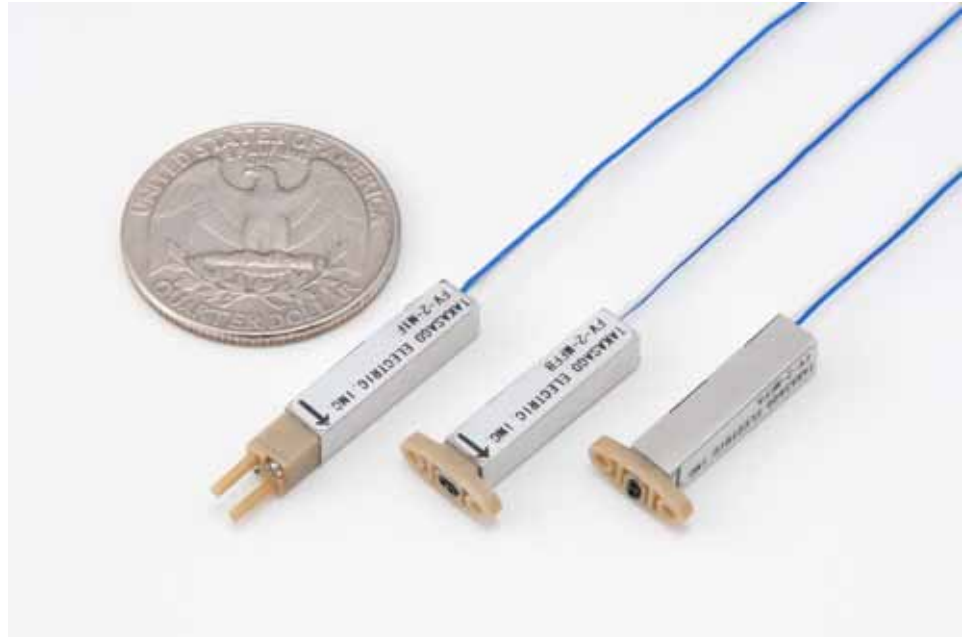


SOLENOID VALVE

Ultra-small diaphragm-isolation valve**Features****1 . 4.2mm square: 4.2 × 4.2 × 30mm**

This is an innovative ultra-small solenoid valve which will make a breakthrough in the field of traditional solenoid valves. They can be mounted on very small blocks, minimizing the manifold size and shortening the length of flow paths between ports.

2 . High chemical inertness

This diaphragm-isolation valve is made of high inert material like PEEK, Perfluoroelastomer etc. It can be used with a wide variety of chemicals and solvents.

3 . Low internal volume

The internal volume is only 2.4 micro liters (excluding horse-nipples). The low internal volume contributes to minimize the volume of chemicals and solvents in use, and also to greatly increase analysis accuracy.

TAKASAGO ELECTRIC, INC.

66 KAKITUBATA NARUMI-CHO, MIDORI-KU, NAGOYA, 458-8522 JAPAN

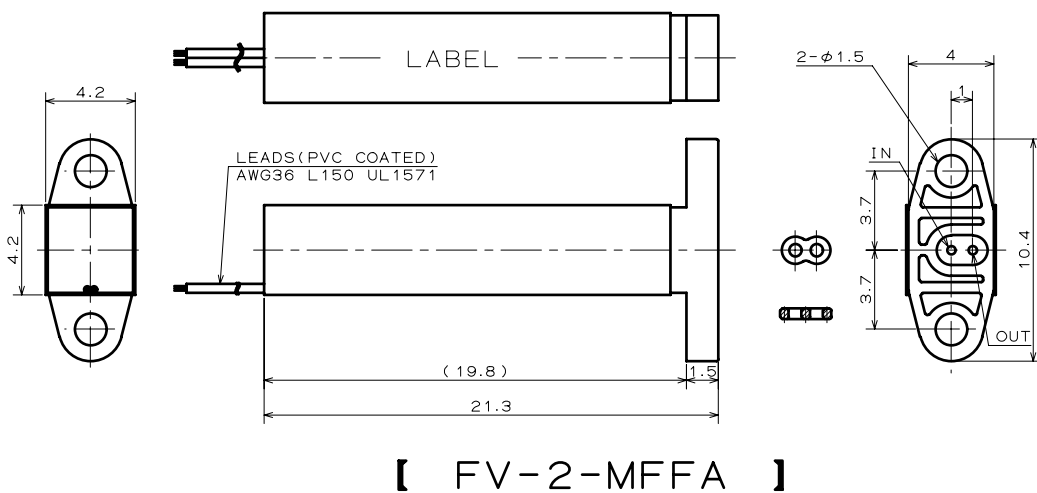
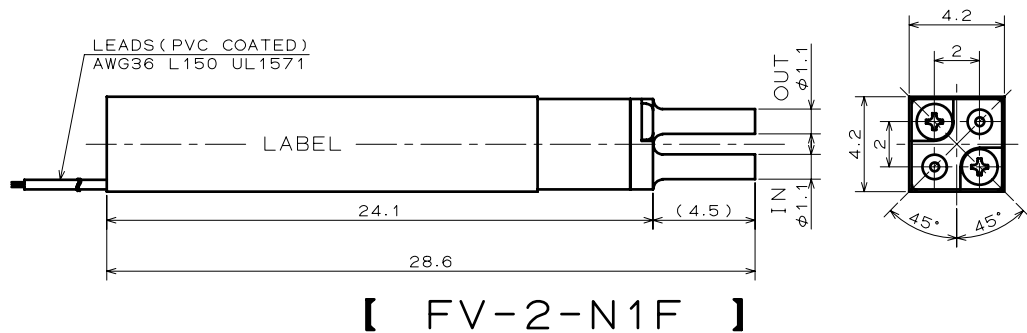
Tel +81-52-891-2301 Fax+81-52-891-7386

E-mail: info@takasago-elec.co.jp URL: <http://www.takasago-elec.co.jp/>

Specification

Model number	FV-2-N1F	
Type	2 way (NC type)	
Orifice diameter	φ0.4mm	
Port connection	Nipple	
Coil type	Latch	
Pressure	IN: 0-50kPa	
	OUT: 0-20kPa	
Media temperature range	10 ~ 50	
Ambient temperature range	10 ~ 50	
Voltage	12VDC	
Power consumption	2.4W	
Wetted materials	diaphragm	perfluoroelastomer, FPM
	gasket	perfluoroelastomer, FPM
	body	PEEK®, PPS

Outside Drawing



Specifications might be changed as this is still developing.