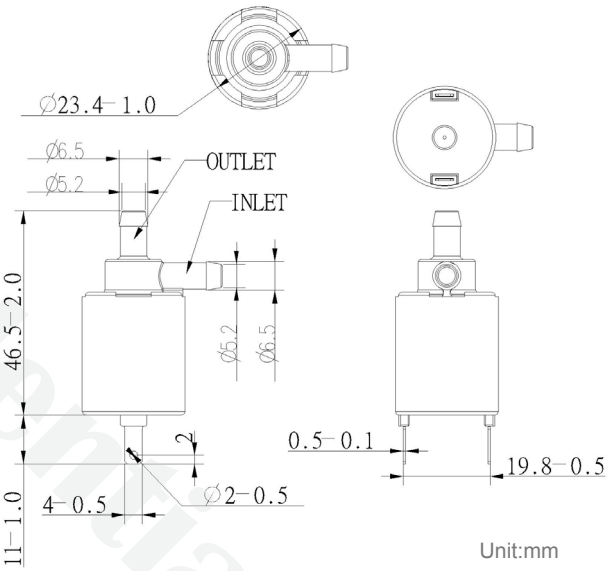
Solenoid Valve

KSV2WI Series KSV2WI



Unit:mm

Concept

A solenoid valve is an electromechanical controlled valve. The valve features a solenoid, which is an electric coil with a movable ferromagnetic core in its center. This core is called the plunger. In rest position, the plunger with a rubber gasket on the bottom closes off a small orifice. Thus, a small spring holds the plunger down to close the valve. An electric current through the coil creates a magnetic field. The magnetic field exerts a force on the plunger. As a result, the plunger is pulled toward the center of the coil so that the orifice opens.

When the solenoid is not powered, the magnetic field disappears, making the spring goes back up and the orifice will be closed.

Features

- Normally Closed
- Stable and lower vibration
- Compact size
- Low leakage

Application

- Medical Instruments
- Industrial use
- Household appliances
- Water recycling devices

Model Key

Product	KOGE	Solenoid	Category	Type	SeriesA-Z	Voltage	Series	Output
Valve	K	S	V	2W	I	12	A	KSV2WI-12A

Specifications

Part Number	KSV2WI-12A
Voltage	DC 12V
Operating Voltage	DC 10.8 ~ 13.2V
Max. Pressure	9 PSI
Max. Current	240mA
Type	Normally Closed
DC Resistance	50±10%Ω
Life	20,000 cycles
Testing Cycle	On 60s;Off 30s
Exhaust Speed	NA

Materials

Metal nozzle	Steel
Plastic nozzle	PPO
Washer	Rubber

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