Precise And Reliable Fluid Transfer

Product Manual

Kamoer Fluid Tech (Shanghai) Co.,Ltd.

Version: A/1

Product Name	Micro Solenoid Valve
Product Model	KVEY1 Series
Date	2022.06.16
Manufacturer	Kamoer Fluid Tech (Shanghai) Co., Ltd.

A、Product Overview

1. Product Physical Drawing



Threaded　　Quick Plug

2. Model Definition

KV	E	2	7	P	L	12	E	2	N	25	1
Series	Power Form	Channel	Pressure	Structure	Wire	Voltage	Seal Material	Body Material	Pagoda Interface	Diameter	Installation Method

3. Performance Characteristics, Typical Applications

3.1 Performance Characteristics

- Compact structure
- Fluid is sealed and isolated from the actuator
- Sealing and pump head material are resistant to strong acid, strong alkali and oxidizing liquid

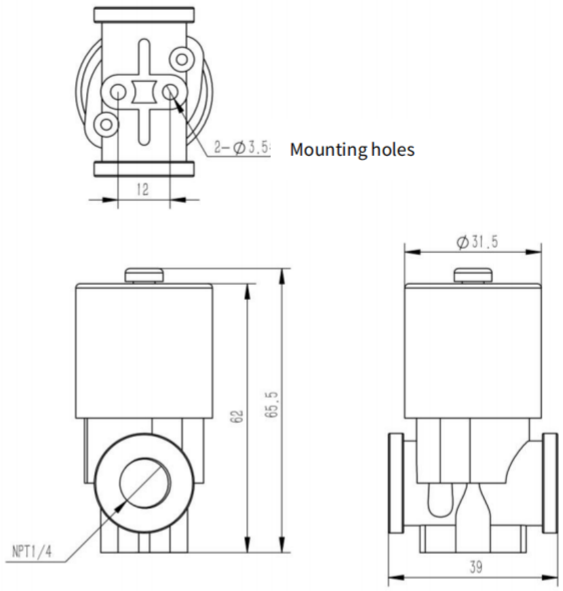
3.2 Typical Applications

- Medical Technology
- Biotechnology
- Analytical Instrument
- Industrial Field

B、 Product Specifications

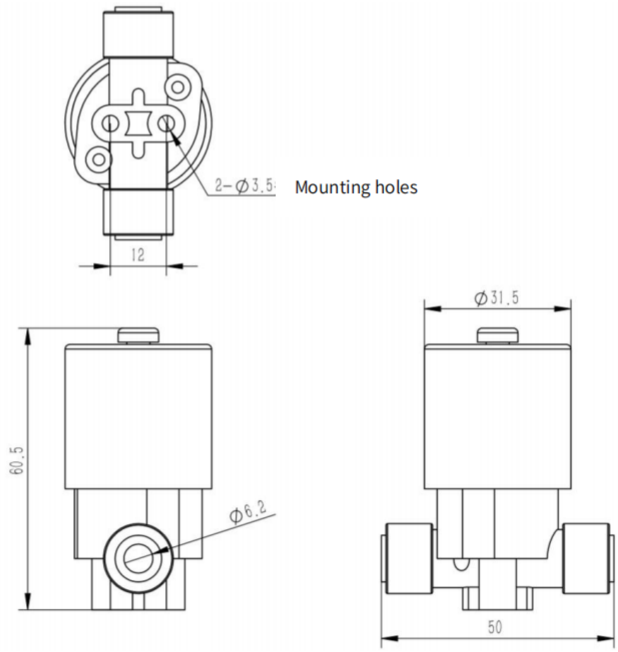
1. Product Dimensions





Threaded Solenoid Valve





Quick Plug Solenoid Valve

2. Technical Parameters

Item		Technical Parameters			
Basic Parameters	Model	KVE27PL12E2N251	KVE27PL24E2N251	KVE27PL12E2K251	KVE27PL24E2K251
	Rated Voltage	DC 12V	DC 24V	DC 12V	DC 24V
	Power	6W			
	Medium	Water、air、oil,etc			
	Medium Temperature	0°C~150°C			
	Pressure	0MPa~0.7MPa			
	Flow Coefficient Cv	0.18			
	Interface	NPT1/4		1/4 Tube	
	Drift Diameter	2.2mm			
	Body Material	PP		POM	
	Sealing Material	NBR			
	Response Time	100ms（Air pressure）			
	Product Life	500,000 times			

C、 Optional Accessories

Name	Specifications		Material Number	Function Introduction
PP Quick Twist Connector		1/4 Cycle 4*6mm Tube	32.05.0086	Matching threaded models, quick installation of pump tubes
PP Quick Twist Connector		1/4 Cycle 6*8mm Tube	32.05.0087	Matching threaded models, quick installation of pump tubes
Connecting Pipe		PU Tube(1/4 OD)	14.04.0020	Suitable for gas or liquid transmission, economical and practical

Special declaration: The company reserves the right to improve the appearance and technical specifications of the product without prior notice.