

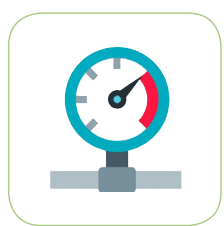


Products and Solutions

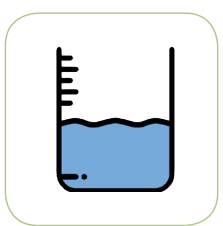
To Measure, Monitor and Control



Flow



Pressure



Level



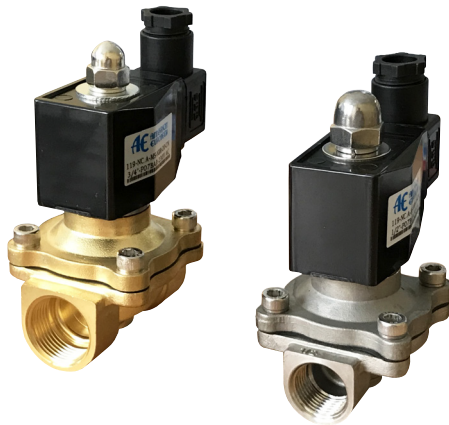
Temperature



Analytical

For The Process Industries

AE119 Solenoid Valve (2/2 Way General Purpose)



Design

The AE119 solenoid valve is a direct acting 2/2 way solenoid valve. The valve opens without differential pressure by the spring coupling of diaphragm to the plunger. It is most applicable for handling neutral gas and liquid in wide application area of the general process industries.

Features and Benefits

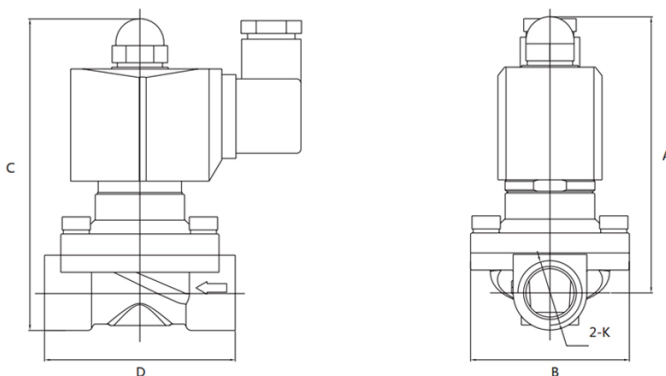
- Direct Acting with spring coupling of diaphragm to plunger - opens without differential pressure
- Flat diaphragm design for high reliability and durability
- Body available in brass or stainless steel suitable to suit different environment conditions
- Fully encapsulated thermoplastic coil, 360° rotatable, with DIN cable plug connector for easy electrical wiring

Specifications

Function	<p>2/2 way normally closed (normally open on request)</p>
Operating Pressure	0 to 7 bar
Media Temperature	-5°C to +80°C
Ambient Temperature	Max. 50°C
Media	Neutral media such as Air, Water, Oil
Coil Voltage	24VDC 24V 50Hz 110V 50Hz 230V 50Hz
Voltage Tolerance	±10%
Power Consumption	Orifice 16 to 35mm DC 23.4W / AC 26VA Orifice 40 and 50mm DC 40W / AC50VA
Duty Cycle	100% ED

Orifice	16 mm to 50 mm
Kv	4.1 m ³ /h to 41.5 m ³ /h
Fluid Viscosity	<20 CST
Connections	Threaded G3/8" to G2" (NPT thread on request)
Installation	Any direction with coil upright preferred
Enclosure Protection	IP65 with correct installation of cable plug connector
Body Material	Brass or Stainless Steel
Seal Material	NBR (Viton or EPDM on request)

Dimensions (mm) and Kv



Orifice (mm)	Kv (m ³ /h)	K	A	B	C	D
16	4.1	G3/8"	93	56	106	69
16	4.1	G1/2"	93	56	106	69
20	6.6	G3/4"	100	55	117	73
25	10.4	G1"	104	78	125	99
35	20.8	G11/4"	141	93	172	124
40	25.1	G11/2"	141	93	172	124
50	41.5	G2"	157	124	195	172

AE116 Solenoid Valve (2/2 Way For High Temperature Media, Steam)



Design

The AE116 solenoid valve is a servo assist 2/2 way solenoid valve. It has a servo piston design and H class coil with automatic sealing compensation for extended service life. The valve requires a minimum differential pressure of 0.1 bar to open and 0.5 bar to fully open. It is most applicable for handling higher temperature media such as hot water, hot vapor and steam.

Features and Benefits

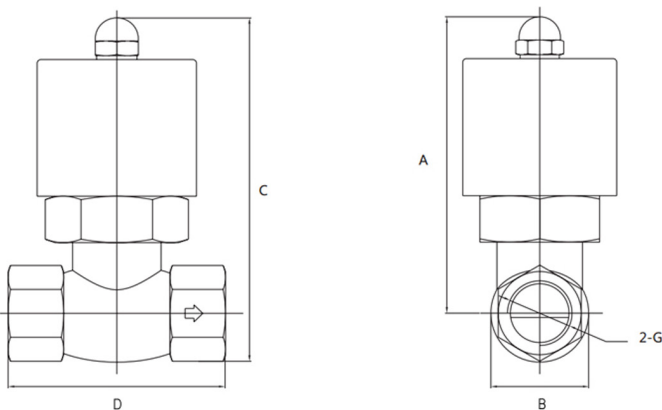
- Automatic sealing compensation for extended service life
- PTFE seal and H class coil for higher temperature application.
- Fully encapsulated thermoplastic coil, 360° rotatable, with DIN cable plug connector for easy electrical wiring

Specifications

Function	2/2 way normally closed
Operating Pressure	0.1 to 15 bar *Max 10 bar when use for Steam or media temperature up to 180°C
Media Temperature	-5°C to +180°C
Ambient Temperature	Max. 50°C
Media	Neutral media such as Hot Water, Hot Vapor, Steam
Coil Voltage	24VDC 24V 50Hz 110V 50Hz 230V 50Hz
Voltage Tolerance	±10%
Power Consumption	DC 40W / AC 50VA
Duty Cycle	100% ED

Orifice	17 mm to 50 mm
Kv	4.1 m ³ /h to 41.5 m ³ /h
Fluid Viscosity	<20 CST
Connections	Threaded G3/8" to G2" (NPT thread on request)
Installation	Any direction with coil upright preferred
Enclosure Protection	IP65 with correct installation of cable plug connector
Body Material	Brass
Seal Material	PTFE

Dimensions (mm) and Kv



Orifice (mm)	Kv (m ³ /h)	G	A	B	C	D
17	4.1	G3/8"	125	42	146	82
17	4.1	G1/2"	125	42	146	82
17	4.1	G3/4"	125	42	146	82
22	10.4	G1"	136	52	162	90.5
30	17.3	G1 1/4"	148	74	185	111
30	17.3	G1 1/2"	148	74	211	163
50	41.5	G2"	176	94.5	223	185



AE ANDERSON
EUROTECH
VALVES AND INSTRUMENTS

For Your Sales and After Sales, please contact:

Indonesia Sole Distributor

PT. Multi Sukses Pratama

Jl. Bandengan Utara No. 80
Rukan Bandengan Indah D No.20

Jakarta Utara, Indonesia

☎ (62) (21) 29379590, 29379591, 68292838, 8822918 (62)

☎ (21) 29379571

E-mail: sales@suksespratama.com