

SOLVLVGP

Datasheet

2-Way, Internally Piloted
Normally Closed, 1/2" - 2" NPT



120VAC, 24VAC
or 24VDC
Power Input



UL Listed



Normally Closed
Safety Shutoff



1/2" to 2" NPT
Available For This
Model
Various Other Sizes
Also Available

Product Overview

AGS water solenoid valves are normally closed (N/C) and constructed with a durable brass body, two-way inlet and outlet ports.

Sizes Available

120VAC Models

Valve Size " (inch) NPT	AGS Part Number
1/2"	SOLVLVGP12
3/4"	SOLVLVGP34
1"	SOLVLVGP1
1+1/4"	SOLVLVGP114
1+1/2"	SOLVLVGP112
2"	SOLVLVGP2

24VDC & 24VAC Models

Valve Size " (inch) NPT	AGS Part Number
1/2"	SOLVLVGP12-24VDC or AC
3/4"	SOLVLVGP34-24VDC or AC
1"	SOLVLVGP1-24VDC or AC
1+1/4"	SOLVLVGP114-24VDC or AC
1+1/2"	SOLVLVGP112-24VDC or AC
2"	SOLVLVGP2-24VDC or AC

Electrical Specifications

Voltage	120VAC / 24VAC	Voltage	24VDC
Frequency Hz	50/60	Frequency Hz	DC
Power (VA)	20	Power (W)	17 W
Rating	Nema 4	Rating	Nema 4
Coil Type	D	Coil Type	D
Coil Class	F	Coil Class	F

Materials of Construction

Body	Brass
Armature Tube	Stainless Steel 300
Fixed Core	Stainless Steel 400
Plunger	Stainless Steel 400
Spring	Stainless Steel 300
Shading Ring	Copper
Orifice	Brass

Technical Specifications

120VAC Models

Pipe Size (Inch)	Orifice (Inch)	Flow Factor (CV)	Pressure (PSI)	Temp. Range	Voltage	VA Rating	External Dimensions Length x Width x Height (Inches)	Model	Connector Supplied	Medium Examples	Sealing Material
1/2"	1/2"	4.5	0.5-230	32-266°F	120VAC	20	2.59 x 1.89 x 4.21	SOLVLVGP12	Wire Connector	Water Non-Potable & Air	EPDM
3/4"	3/4"	7.6	0.5-230	32-266°F	120VAC	20	2.95 x 2.28 x 4.40	SOLVLVGP34	Wire Connector	Water Non-Potable & Air	EPDM
1"	1"	12	0.5-230	32-266°F	120VAC	20	3.78 x 2.76 x 5.16	SOLVLVGP1	Wire Connector	Water Non-Potable & Air	EPDM
1 1/4"	1 1/4"	22	0.5-230	32-266°F	120VAC	20	5.16 x 3.78 x 5.75	SOLVLVGP114	Wire Connector	Water Non-Potable & Air	EPDM
1 1/2"	1 1/2"	30	0.5-230	32-266°F	120VAC	20	5.16 x 3.78 x 5.75	SOLVLVGP112	Wire Connector	Water Non-Potable & Air	EPDM
2"	2"	48	0.5-230	32-266°F	120VAC	20	6.50 x 4.72 x 6.57	SOLVLVGP2	Wire Connector	Water Non-Potable & Air	EPDM

24VAC Models

Pipe Size (Inch)	Orifice (Inch)	Flow Factor (CV)	Pressure (PSI)	Temp. Range	Voltage	VA Rating	External Dimensions Length x Width x Height (Inches)	Model	Connector Supplied	Medium Examples	Sealing Material
1/2"	1/2"	4.5	0.5-190	32-266°F	24VAC	20	2.59 x 1.89 x 4.21	SOLVLVGP12-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VAC	20	2.95 x 2.28 x 4.40	SOLVLVGP34-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
1"	1"	12	0.5-190	32-266°F	24VAC	20	3.78 x 2.76 x 5.16	SOLVLVGP1-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	24VAC	20	5.16 x 3.78 x 5.75	SOLVLVGP114-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	24VAC	20	5.16 x 3.78 x 5.75	SOLVLVGP112-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
2"	2"	48	0.5-115	32-266°F	24VAC	20	6.50 x 4.72 x 6.57	SOLVLVGP2-24VAC	Wire Connector	Water Non-Potable & Air	EPDM

24VDC Models

Pipe Size (Inch)	Orifice (Inch)	Flow Factor (CV)	Pressure (PSI)	Temp. Range	Voltage	(W) Rating	External Dimensions Length x Width x Height (Inches)	Model	Connector Supplied	Medium Examples	Sealing Material
1/2"	1/2"	4.5	0.5-190	32-266°F	24VDC	17	2.59 x 1.89 x 4.21	SOLVLVGP12-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VDC	17	2.95 x 2.28 x 4.40	SOLVLVGP34-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
1"	1"	12	0.5-190	32-266°F	24VDC	17	3.78 x 2.76 x 5.16	SOLVLVGP1-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	24VDC	17	5.16 x 3.78 x 5.75	SOLVLVGP114-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	24VDC	17	5.16 x 3.78 x 5.75	SOLVLVGP112-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
2"	2"	48	0.5-115	32-266°F	24VDC	17	6.50 x 4.72 x 6.57	SOLVLVGP2-24VDC	Wire Connector	Water Non-Potable & Air	EPDM

Find out more

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