

# SOLVLVNOGP

## Datasheet

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



120VAC, 24VAC  
or 24VDC  
Power Input



UL Listed



Normally  
Open



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

## Product Overview

AGS water solenoid valves are normally open (N/O) 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"	SOLVLVNOGP12
3/4"	SOLVLVNOGP34
1"	SOLVLVNOGP1
1+1/4"	SOLVLVNOGP114
1+1/2"	SOLVLVNOGP112
2"	SOLVLVNOGP2

### 24VDC & 24VAC Models

Valve Size " (inch) NPT	AGS Part Number
1/2"	SOLVLVNOGP12-24VDC or AC
3/4"	SOLVLVNOGP34-24VDC or AC
1"	SOLVLVNOGP1-24VDC or AC
1+1/4"	SOLVLVNOGP114-24VDC or AC
1+1/2"	SOLVLVNOGP112-24VDC or AC
2"	SOLVLVNOGP2-24VDC or AC

## Electrical Specifications

<b>Voltage</b>	120VAC / 24VAC	<b>Voltage</b>	24VDC
<b>Inrush VA</b>	50/60Hz 82VA	<b>Frequency Hz</b>	DC
<b>Holding VA</b>	50/60Hz 28VA	<b>Power (W)</b>	20 W
<b>Rating</b>	Nema 4	<b>Rating</b>	Nema 4
<b>Coil Type</b>	D	<b>Coil Type</b>	D
<b>Coil Class</b>	F	<b>Coil Class</b>	F

## Materials of Construction

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

## Technical Specifications

### 120VAC Models

Pipe Size (Inch)	Orifice (Inch)	Flow Factor (CV)	Pressure (PSI)	Temp. Range	Voltage	Inrush VA Rating	Holding 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	120VAC	82	28	2.59 x 1.89 x 4.89	SOLVLVNOGP12	Wire Connector	Water Non-Potable & Air	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	120VAC	82	28	2.95 x 2.28 x 5.12	SOLVLVNOGP34	Wire Connector	Water Non-Potable & Air	EPDM
1"	1"	12	0.5-190	32-266°F	120VAC	82	28	3.78 x 2.76 x 5.16	SOLVLVNOGP1	Wire Connector	Water Non-Potable & Air	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	120VAC	82	28	5.16 x 3.78 x 6.22	SOLVLVNOGP114	Wire Connector	Water Non-Potable & Air	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	120VAC	82	28	5.16 x 3.78 x 6.22	SOLVLVNOGP112	Wire Connector	Water Non-Potable & Air	EPDM
2"	2"	48	0.5-115	32-266°F	120VAC	82	28	6.50 x 4.72 x 7.04	SOLVLVNOGP2	Wire Connector	Water Non-Potable & Air	EPDM

### 24VAC Models

Pipe Size (Inch)	Orifice (Inch)	Flow Factor (CV)	Pressure (PSI)	Temp. Range	Voltage	Inrush VA Rating	Holding 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	82	28	2.59 x 1.89 x 4.89	SOLVLVNOGP12-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VAC	82	28	2.95 x 2.28 x 5.12	SOLVLVNOGP34-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
1"	1"	12	0.5-190	32-266°F	24VAC	82	28	3.78 x 2.76 x 5.16	SOLVLVNOGP1-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	24VAC	82	28	5.16 x 3.78 x 6.22	SOLVLVNOGP114-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	24VAC	82	28	5.16 x 3.78 x 6.22	SOLVLVNOGP112-24VAC	Wire Connector	Water Non-Potable & Air	EPDM
2"	2"	48	0.5-115	32-266°F	24VAC	82	28	6.50 x 4.72 x 7.04	SOLVLVNOGP2-24VAC	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	20	2.59 x 1.89 x 4.89	SOLVLVNOGP12-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VDC	20	2.95 x 2.28 x 5.12	SOLVLVNOGP34-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
1"	1"	12	0.5-190	32-266°F	24VDC	20	3.78 x 2.76 x 5.16	SOLVLVNOGP1-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	24VDC	20	5.16 x 3.78 x 6.22	SOLVLVNOGP114-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	24VDC	20	5.16 x 3.78 x 6.22	SOLVLVNOGP112-24VDC	Wire Connector	Water Non-Potable & Air	EPDM
2"	2"	48	0.5-115	32-266°F	24VDC	20	6.50 x 4.72 x 7.04	SOLVLVNOGP2-24VDC	Wire Connector	Water Non-Potable & Air	EPDM

Find out more

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