



Features

- 120VAC, 24VAC or 24VDC Power Input
- Normally Closed Safety Shut Off
- UL Listed
- 1/2" to 2" NPT Available For This Model Various Other Sizes Also Available.

Product Overview

CGS 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	CGS Part Number
1/2"	SOLVLV-NC-GP-12
3/4"	SOLVLV-NC-GP-34
1"	SOLVLV-NC-GP-1
1+1/4"	SOLVLV-NC-GP-114
1+1/2"	SOLVLV-NC-GP-112
2"	SOLVLV-NC-GP-2

24VDC & 24VAC Models

Valve Size " (inch) NPT	CGS Part Number
1/2"	SOLVLV-NC-GP-12-24VDC or AC
3/4"	SOLVLV-NC-GP-34-24VDC or AC
1"	SOLVLV-NC-GP-1-24VDC or AC
1+1/4"	SOLVLV-NC-GP-114-24VDC or AC
1+1/2"	SOLVLV-NC-GP-112-24VDC or AC
2"	SOLVLV-NC-GP-2-24VDC 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	Orifice (Inch)	Flow Factor	Pressure (PSI)	Temp. Range	Voltage	VA Rating	External Dimensions Length x Width x Height	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	Orifice (Inch)	Flow Factor	Pressure (PSI)	Temp. Range	Voltage	(W) Rating	External Dimensions Length x Width x Height	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