



Features

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

Product Overview

CGS 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	CGS Part Number
1/2"	SOLVLV-NO-GP-12
3/4"	SOLVLV-NO-GP-34
1"	SOLVLV-NO-GP-1
1+1/4"	SOLVLV-NO-GP-114
1+1/2"	SOLVLV-NO-GP-112
2"	SOLVLV-NO-GP-2

Electrical Specifications

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

24VDC & 24VAC Models

Valve Size " (inch) NPT	CGS Part Number
1/2"	SOLVLV-NO-GP-12-24VDC or AC
3/4"	SOLVLV-NO-GP34-24VDC or AC
1"	SOLVLV-NO-GP-1-24VDC or AC
1+1/4"	SOLVLV-NO-GP-114-24VDC or AC
1+1/2"	SOLVLV-NO-GP-112-24VDC or AC
2"	SOLVLV-NO-GP-2-24VDC or AC

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	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	45	18	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	45	18	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	45	18	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	45	18	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	45	18	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	45	18	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