



Features

- 24V DC / 110V AC Power Input
- Normally Closed Safety Shut Off
- UL Listed
- 1/2" to 2" NPT Available for this model

Standards



Product Overview

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

Sizes Available

120VAC Models

Valve Size " (inch) NPT	CGS Part Number
1/2"	SOLVLV12
3/4"	SOLVLV34
1"	SOLVLV1
1+1/4"	SOLVLV114
1+1/2"	SOLVLV112
2"	SOLVLV2

24VDC & 24VAC Models

Valve Size " (inch) NPT	CGS Part Number
1/2"	SOLVLV12-24VDC or AC
3/4"	SOLVLV34-24VDC or AC
1"	SOLVLV1-24VDC or AC
1+1/4"	SOLVLV114-24VDC or AC
1+1/2"	SOLVLV112-24VDC or AC
2"	SOLVLV2-24VDC 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	Lead Free Brass
Armature Tube	Stainless Steel 300
Fixed Core	Stainless Steel 400
Plunger	Stainless Steel 400
Spring	Stainless Steel 300
Shading Ring	Copper
Orifice	Lead Free Brass

Technical Specifications

120VAC Models

Resistance 0.157

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	SOLVLVNC12	Wire Connector	Potable Water	EPDM
3/4"	3/4"	7.6	0.5-230	32-266°F	120VAC	20	2.95 x 2.28 x 4.40	SOLVLVNC34	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-230	32-266°F	120VAC	20	3.78 x 2.76 x 5.16	SOLVLVNC1	Wire Connector	Potable Water	EPDM
1 1/4"	1 1/4"	22	0.5-230	32-266°F	120VAC	20	5.16 x 3.78 x 5.75	SOLVLVNC114	Wire Connector	Potable Water	EPDM
1 1/2"	1 1/2"	30	0.5-230	32-266°F	120VAC	20	5.16 x 3.78 x 5.75	SOLVLVNC112	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-230	32-266°F	120VAC	20	6.50 x 4.72 x 6.57	SOLVLVNC2	Wire Connector	Potable Water	EPDM

24VAC Models

Resistance 0.007

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	SOLVLVNC12-24VAC	Wire Connector	Potable Water	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VAC	20	2.95 x 2.28 x 4.40	SOLVLVNC34-24VAC	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-190	32-266°F	24VAC	20	3.78 x 2.76 x 5.16	SOLVLVNC1-24VAC	Wire Connector	Potable Water	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	24VAC	20	5.16 x 3.78 x 5.75	SOLVLVNC114-24VAC	Wire Connector	Potable Water	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	24VAC	20	5.16 x 3.78 x 5.75	SOLVLVNC112-24VAC	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-115	32-266°F	24VAC	20	6.50 x 4.72 x 6.57	SOLVLVNC2-24VAC	Wire Connector	Potable Water	EPDM

24VDC Models

Resistance 0.035

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	SOLVLVNC12-24VDC	Wire Connector	Potable Water	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VDC	17	2.95 x 2.28 x 4.40	SOLVLVNC34-24VDC	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-190	32-266°F	24VDC	17	3.78 x 2.76 x 5.16	SOLVLVNC1-24VDC	Wire Connector	Potable Water	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	24VDC	17	5.16 x 3.78 x 5.75	SOLVLVNC114-24VDC	Wire Connector	Potable Water	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	24VDC	17	5.16 x 3.78 x 5.75	SOLVLVNC112-24VDC	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-115	32-266°F	24VDC	17	6.50 x 4.72 x 6.57	SOLVLVNC2-24VDC	Wire Connector	Potable Water	EPDM

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