

# SOLVLV **Datasheet**

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







120VAC, 24VAC or 24VDC **Power Input** 



**UL Listed** 



**Normally Closed** Safety Shutoff



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

### **Standards**







### 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

Pipe Size	Orifice	Flow Factor	Pressure	Tamm		VA	External Dimensions Length x Width x Height		Connector		Casling
(Inch)	(Inch)	(CV)	(PSI)	Temp. Range	Voltage		(Inches)	Model	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	SOLVLV12	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	SOLVLV34	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-230	32-266°F	120VAC	20	3.78 x 2.76 x 5.16	SOLVLV1	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	SOLVLV114	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	SOLVLV112	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-230	32-266°F	120VAC	20	6.50 x 4.72 x 6.57	SOLVLV2	Wire Connector	Potable Water	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	SOLVLV12-24VAC	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	SOLVLV34-24VAC	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-190	32-266°F	24VAC	20	3.78 x 2.76 x 5.16	SOLVLV1-24VAC	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	SOLVLV114-24VAC	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	SOLVLV112-24VAC	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-115	32-266°F	24VAC	20	6.50 x 4.72 x 6.57	SOLVLV2-24VAC	Wire Connector	Potable Water	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	SOLVLV12-24VDC	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	SOLVLV34-24VDC	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-190	32-266°F	24VDC	17	3.78 x 2.76 x 5.16	SOLVLV1-24VDC	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	SOLVLV114-24VDC	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	SOLVLV112-24VDC	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-115	32-266°F	24VDC	17	6.50 x 4.72 x 6.57	SOLVLV2-24VDC	Wire Connector	Potable Water	EPDM

### **Popular Applications**

- Schools
- Laboratories
- Residential
- Hospitals
- Drinking Water Control

Find out more

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