

SOLVLVNO

Datasheet

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



120VAC, 24VAC
 or 24VDC
 Power Input



UL Listed



Normally
 Open



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

Standards



Product Overview

CGS water solenoid valves are normally open (N/O) 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"	SOLVLVNO12
3/4"	SOLVLVNO34
1"	SOLVLVNO1
1+1/4"	SOLVLVNO114
1+1/2"	SOLVLVNO112
2"	SOLVLVNO2

24VDC & 24VAC Models

Valve Size " (inch) NPT	CGS Part Number
1/2"	SOLVLVNO12-24VDC or AC
3/4"	SOLVLVNO34-24VDC or AC
1"	SOLVLVNO1-24VDC or AC
1+1/4"	SOLVLVNO114-24VDC or AC
1+1/2"	SOLVLVNO112-24VDC or AC
2"	SOLVLVNO2-24VDC or AC

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

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 (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	SOLVLVNO12	Wire Connector	Potable Water	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	120VAC	82	28	2.95 x 2.28 x 5.12	SOLVLVNO34	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-190	32-266°F	120VAC	82	28	3.78 x 2.76 x 5.16	SOLVLVNO1	Wire Connector	Potable Water	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	SOLVLVNO114	Wire Connector	Potable Water	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	SOLVLVNO112	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-115	32-266°F	120VAC	82	28	6.50 x 4.72 x 7.04	SOLVLVNO2	Wire Connector	Potable Water	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	SOLVLVNO12-24VAC	Wire Connector	Potable Water	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VAC	82	28	2.95 x 2.28 x 5.12	SOLVLVNO34-24VAC	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-190	32-266°F	24VAC	82	28	3.78 x 2.76 x 5.16	SOLVLVNO1-24VAC	Wire Connector	Potable Water	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	SOLVLVNO114-24VAC	Wire Connector	Potable Water	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	SOLVLVNO112-24VAC	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-115	32-266°F	24VAC	82	28	6.50 x 4.72 x 7.04	SOLVLVNO2-24VAC	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	20	2.59 x 1.89 x 4.89	SOLVLVNO12-24VDC	Wire Connector	Potable Water	EPDM
3/4"	3/4"	7.6	0.5-190	32-266°F	24VDC	20	2.95 x 2.28 x 5.12	SOLVLVNO34-24VDC	Wire Connector	Potable Water	EPDM
1"	1"	12	0.5-190	32-266°F	24VDC	20	3.78 x 2.76 x 5.16	SOLVLVNO1-24VDC	Wire Connector	Potable Water	EPDM
1 1/4"	1 1/4"	22	0.5-115	32-266°F	24VDC	20	5.16 x 3.78 x 6.22	SOLVLVNO114-24VDC	Wire Connector	Potable Water	EPDM
1 1/2"	1 1/2"	30	0.5-115	32-266°F	24VDC	20	5.16 x 3.78 x 6.22	SOLVLVNO112-24VDC	Wire Connector	Potable Water	EPDM
2"	2"	48	0.5-115	32-266°F	24VDC	20	6.50 x 4.72 x 7.04	SOLVLVNO2-24VDC	Wire Connector	Potable Water	EPDM

Popular Applications

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

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