

2-Way, Pilot Operated, Normally Closed, 1/2" - 2" NPT, Brass Body, FKM



120VAC, 24VAC
or 24VDC Power
Input



UL Listed



Carbon Dioxide
Helium
Argon
Acetylene



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

Standards



Product Overview

The AGS SOLVLV-V Series is a 2-way, internally piloted, solenoid valve designed for specialty gas control applications including carbon dioxide, helium, argon, and acetylene. Constructed with a durable brass body and orifice, the SOLVLV-V provides dependable gas shutoff control for a wide range of commercial and industrial applications.

Available in 1/2", 3/4", 1", 1-1/4", 1-1/2", and 2" NPT sizes, the SOLVLV-V Series is offered with 120VAC or 24V coil options.

Electrical Specifications

Watt Rating and Power Consumption			
DC	AC		
Watts	Average VA	VA Holding	VA Inrush
13	22	22	40

Materials of Construction

Body	Brass
Diaphragm Seal	FKM

120VAC Models

Valve Size (Inch NPT)	AGS Part Number
1/2"	SOLVLVNC-V-12-120AC
3/4"	SOLVLVNC-V-34-120AC
1"	SOLVLVNC-V-1-120AC
1+1/4"	SOLVLVNC-V-114-120AC
1+1/2"	SOLVLVNC-V-112-120AC
2"	SOLVLVNC-V-2-120AC

24VDC & 24VAC Models

Valve Size (Inch NPT)	AGS Part Number
1/2"	SOLVLVNC-V-12-24**
3/4"	SOLVLVNC-V-34-24**
1"	SOLVLVNC-V-1-24**
1+1/4"	SOLVLVNC-V-114-24**
1+1/2"	SOLVLVNC-V-112-24**
2"	SOLVLVNC-V-2-24**

**Include 'DC' or 'AC' Voltage To Partcode

Performance Specifications

Pipe Size (in)	Orifice Size (mm)	CV Flow Factor	Operating Pressure Differential (PSI)							Max Fluid Temp °F		Catalog Number
			Min	Max. AC			Max. DC			AC	DC	
				Air-Inert Gas	Water	Light Oil	Air-Inert Gas	Water	Light Oil			
1/2	13	4.5	0.725	232	232	189	232	232	189	248	248	SOLVLVNC-V-12
3/4	25	7.6	0.725	232	232	189	232	232	189	248	248	SOLVLVNC-V-34
1	25	12	0.725	232	232	189	232	232	189	248	248	SOLVLVNC-V-1
1 1/4	38	22	0.725	232	232	189	232	232	189	248	248	SOLVLVNC-V-114
1 1/2	38	30	0.725	232	232	189	232	232	189	248	248	SOLVLVNC-V-112
2	50	48	0.725	232	232	189	232	232	189	248	248	SOLVLVNC-V-2

Dimensions (inches)

SIZE	A	B	C
1/2	2.66	4.17	1.89
3/4	2.95	4.41	2.28
1	3.78	4.90	2.76
1 1/4	5.12	5.47	3.82
1 1/2	5.12	5.47	3.82
2	6.34	6.32	4.41

