

2-Way, Direct Acting, Normally Open, 1/2" - 2" NPT, General Purpose Brass Body



120VAC, 24VAC
or 24VDC Power
Input



UL Listed



Direct Acting (No
Pressure Differential
Required)



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

Standards



Product Overview

This direct acting 2-way general service solenoid valve is designed for reliable shutoff and flow control in air, water, inert gas, and light oil applications. Featuring a brass body construction with zero-pressure operation capability, the valve provides fast response times, high flow capacity, and strong resistance to contaminants in the media. Available in multiple port sizes and seal materials, it is suitable for industrial applications such as water treatment, pumps, compressors, laundry equipment, and general fluid control systems.

Electrical Specifications

Watt Rating and Power Consumption			
DC	AC		
Watts	Average VA	VA Holding	VA Inrush
13	22	22	100

Materials of Construction

Body	Brass
Diaphragm Seal	EPDM

120VAC Models

Valve Size (Inch NPT)	AGS Part Number
1/2"	DA-SOLVLVNOGP12-120AC
3/4"	DA-SOLVLVNOGP34-120AC
1"	DA-SOLVLVNOGP1-120AC
1+1/4"	DA-SOLVLVNOGP114-120AC
1+1/2"	DA-SOLVLVNOGP112-120AC
2"	DA-SOLVLVNOGP2-120AC

24VDC & 24VAC Models

Valve Size (Inch NPT)	AGS Part Number
1/2"	DA-SOLVLVNOGP12-24**
3/4"	DA-SOLVLVNOGP34-24**
1"	DA-SOLVLVNOGP1-24**
1+1/4"	DA-SOLVLVNOGP114-24**
1+1/2"	DA-SOLVLVNOGP112-24**
2"	DA-SOLVLVNOGP2-24**

**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		Brass	Stainless Steel	Watt Rating/ Class of Coil Insulation	
			Min.	Max. AC			Max. DC			AC	DC					Catalog Number	Catalog Number
				Air-Inert Gas	Water	Light Oil	Air-Inert Gas	Water	Light Oil								
1/2	16	4.8	0	145	145	145	145	145	145	248	248	DA-SOLVLVNOGP12	-	17.1/F	11.6/F		
3/4	20	7.6	0	145	145	145	145	145	145	248	248	DA-SOLVLVNOGP34	-	6.1/F	11.6/F		
1	25	12	0	145	145	145	145	145	145	248	248	DA-SOLVLVNOGP1	-	6.1/F	11.6/F		
1-1/4	35	24	0	72.5	72.5	72.5	72.5	72.5	72.5	248	248	DA-SOLVLVNOGP114	-	6.1/F	11.6/F		
1-1/2	40	29	0	72.5	72.5	72.5	72.5	72.5	72.5	248	248	DA-SOLVLVNOGP112	-	6.1/F	11.6/F		
2	50	48	0	72.5	72.5	72.5	72.5	72.5	72.5	248	248	DA-SOLVLVNOGP2	-	6.1/F	11.6/F		

Dimensions

Model	Port Size	A	B	C
DA-SOLVLVNOGP12	1/2 "	67.5	101	48
DA-SOLVLVNOGP34	3/4 "	75	107	58
DA-SOLVLVNOGP1	1"	96	121	70

