

- 2" NPT
- Brass Body
- 2-Way Zero Differential
Piloted Diaphragm
- Normally Open



Materials	Seals:	Nitrile, Viton®, Ethylene Propylene
	Orifice:	Pilot: Stainless Steel Main: Brass Ø 1 1/4"
Electrical	Standard Housing:	Conduit (NEMA 1)
	Optional Housings:	Watertight (NEMA 4), Junction Box. Contact GC Valves Customer Service for others.
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolerance:	±10% of applicable voltage
	Coil Classes:	F, H
	Standard Lead Length:	18 inch
Operating Temperature	Ambient (Nominal):	32°F to 125°F
Mounting	Position:	Vertical and Upright
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

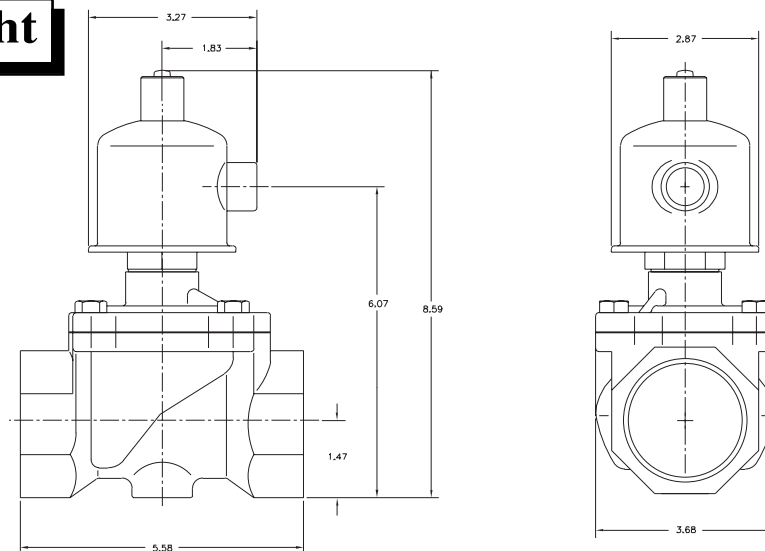
* Not available for all variations

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Dimensions/Weight

Weight (lbs.)

9.1



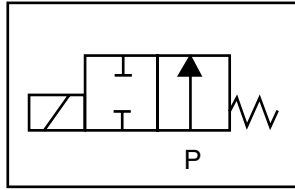
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)



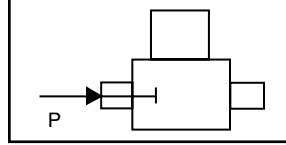
S272 – 2" NPT, Brass Body, Normally Open

Valve Selection List

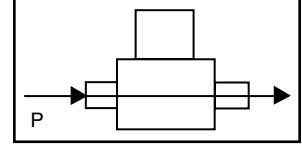
Normally Open



Energized



De-Energized



Pipe Size NPT	Orifice Size IN	C _v	Operating Pressure Differential (psi)								Max Fluid Temp. °F	Seal Material	Power Consumption (Watts)		Model Code (120V/60HZ — 110V/50HZ Shown)	
			Maximum										AC	DC		
			Air/Gas		Water		Light Oil		Steam*							
			Minimum	AC	DC	AC	DC	AC	DC	AC	DC		AC	DC	Brass Body	
2	1 1/4	27	0	125	—	125	—	—	—	—	—	295	EPR	18.5	—	S272AF02C5JJ2
	1 1/4	27	0	125	—	125	—	70	—	—	—	180	Nitrile	18.5	—	S272AF02N5JJ2
	1 1/4	27	0	125	—	125	—	70	—	—	—	230	Viton	18.5	—	S272AF02V5JJ2
	1 1/4	27	0	—	—	—	—	—	—	50*	—	295	EPR	18.5	—	S272AH02C5JJ2

* Class H Coil Recommended for Steam and Other High Temperature Applications

Part Numbering

1	2	3	4	5	6	7	8	9	10	11	12	13
S	2	7	2	A	F	0	2	C	5	J	J	2
Series			Operating Mode	Housing*	Coil Class*	Voltage*		Seal Material	Body Material	Pipe Connection	Orifice Size	
S27			2: Normally Open	A: Conduit	F: Class F H: Class H	02: 120/60 110/50		C: EPR N: Nitrile V: Viton	5: Brass	J: 2" NPT	J2: 1 1/4"	
* See the "Engineering Guide" for additional voltages, variations and options.												

Coil Data

Coil Family	
Type	Size
All	S5

Frequency (Hz)	60	50
Nominal Power (VA)	Inrush	130
	Holding	22
		28

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