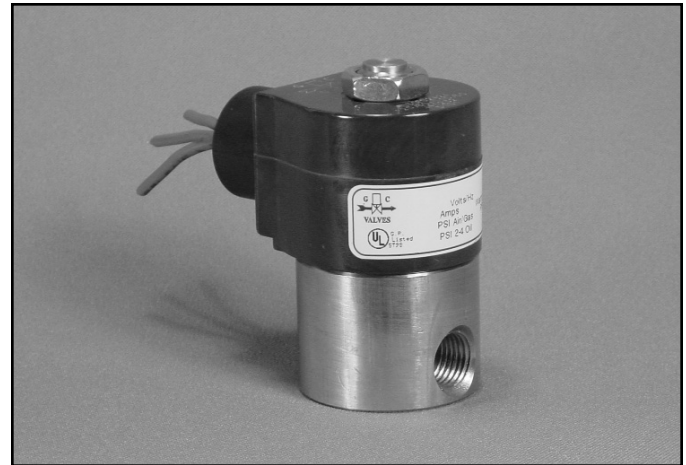


1/4" NPT

Stainless Steel Body

2-Way Direct Acting

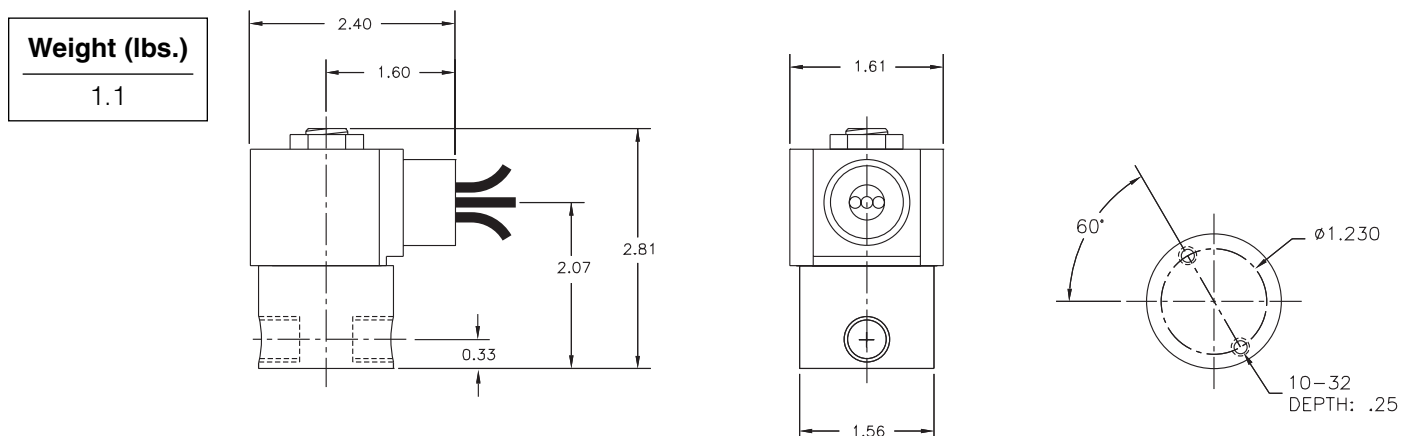
Normally Closed



Materials	Seals:	NSF Approved EPDM
	Orifice:	Stainless Steel
Electrical	Standard Housing:	NEAM 4/4X Encapsulated - 1/2" Conduit
	Optional Housings:	Contact GC Valves Customer Service for available options.
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolerance:	±10% of applicable voltage
	Coil Classes:	F, H, N
	Standard Lead Length:	24 inch
Operating Temperature	Ambient (Nominal):	32°F to 125°F
Mounting	Position:	Any
Approvals*	Agency:	NSF/ANSI - 61-G / NSF-372 / UR Recognized

* Not available for all variations

Dimensions/Weight

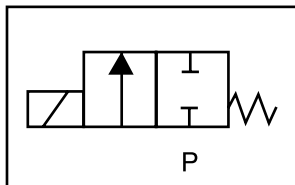




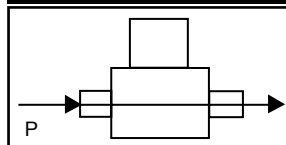
NS311 – 1/4" NPT, Stainless Steel Body, Normally Closed

Valve Selection List

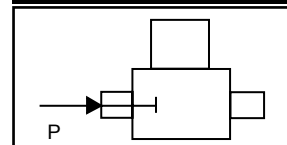
Normally Closed



Energized



De-Energized



Pipe Size NPT	Orifice Size in.	C _v	Minimum	Operating Pressure Differential (psi)								Max Fluid Temp. °F	Seal Material	Power Consumption (Watts)		Model Code （120V/60HZ — 110V/50HZ Shown）	
				Maximum													
				Air/Gas		Water		Light Oil		Steam*							
				AC	DC	AC	DC	AC	DC	AC	DC						
Stainless Steel Body																	
1/4	1/32	.03	0	—	—	2000	2000	—	—	—	—	176	EPR	8	9	NS311GF02C3BC1	
	3/64	.05	0	—	—	770	420	—	—	—	—	176	EPR	8	9	NS311GF02C3BC3	
	1/16	.10	0	—	—	560	185	—	—	—	—	176	EPR	8	9	NS311GF02C3BC5	
	5/64	.15	0	—	—	400	150	—	—	—	—	176	EPR	8	9	NS311GF02C3BC7	
	3/32	.21	0	—	—	300	130	—	—	—	—	176	EPR	8	9	NS311GF02C3BC9	
	7/64	.14	0	—	—	210	90	—	—	—	—	176	EPR	8	9	NS311GF02C3BD3	
	1/8	.32	0	—	—	155	60	—	—	—	—	176	EPR	8	9	NS311GF02C3BD5	
	5/32	.43	0	—	—	105	35	—	—	—	—	176	EPR	8	9	NS311GF02C3BD7	
	3/16	.49	0	—	—	75	20	—	—	—	—	176	EPR	8	9	NS311GF02C3BE1	
	1/4	.85	0	—	—	50	20	—	—	—	—	176	EPR	8	9	NS311GF02C3BE7	
	9/32	1.0	0	—	—	35	15	—	—	—	—	176	EPR	8	9	NS311GF02C3BF1	

* 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	14
N	S	3	1	1	G	F	0	2	C	3	B	C	1
Series				Operating Mode	Housing*	Coil Class*	Voltage*		Seal Material	Body Material	Pipe Connection	Orifice Size	
NS31				1: Normally Closed	G: Conduit	F: Class F H: Class H	02: 120/60 110/50		C: EPR	3: Stainless Steel	B: 1/4" NPT	C1: 1/32" C3: 3/64" C5: 1/16" C7: 5/64" C9: 3/32" D3: 7/64" D5: 1/8" D7: 5/32" E1: 3/16" E7: 1/4" F1: 9/32"	
* See the "Engineering Guide" for additional voltages, variations and options													

Coil Data

Coil Family		Frequency (Hz)	
Type	Size		
All	S3	Nominal Power (VA)	Inrush
			Holding
			60
			50
			36
			14

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