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GC Valves—S21 Series Overview

Mountain Controls is proud to offer quality solenoid valves from GC valves. The S21 Series features the following:

- 2-way piloted diaphragm valves
- · Available in normally closed and normally open operation modes
- 1 to 250 psi
- Cv to 29
- Orifices to 1-1/2"
- Brass or stainless steel body
- · Buna, EPR, NORYL, Plastic, Teflon, or Viton seals
- 3/8" to 2" NPT ports

Specifications in this guide:

- S21 Series 3/8" NPT, Brass Body, Normally Closed
- S21 Series 3/8" NPT, Type 316 SS Body, Normally Closed
- <u>S21 Series 3/8" NPT, Brass Body, Normally Closed, High Performance</u>
- H21 Series 3/8" NPT, Brass Body, Normally Closed, High Pressure
- <u>S21 Series 3/8" NPT, Brass Body, Normally Closed</u>
- S21 Series 3/8" NPT, Type 316 SS Body, Normally Open
- S21 Series 3/8" NPT, Brass Body, Normally Open, High Performance
- S21 Series 1/2" NPT, Brass Body, Normally Closed
- <u>S21 Series 1/2" NPT, Type 316 SS Body, Normally Closed</u>
- S21 Series 1/2" NPT, Brass Body, Normally Closed, High Performance
- H21 Series 1/2" NPT, Brass Body, Normally Closed, High Pressure
- <u>S21 Series 1/2" NPT, Brass Body, Normally Open</u>
- <u>S21 Series 1/2" NPT, Type 316 SS Body, Normally Open</u>
- <u>S21 Series 1/2" NPT, Brass Body, Normally Open, High Performance</u>
- <u>S21 Series 3/4" NPT, Brass Body, Normally Closed</u>
- <u>S21 Series 3/4" NPT, Type 316 SS Body, Normally Closed</u>
- S21 Series 3/4" NPT, Brass Body, Normally Closed, High Performance
- H21 Series 3/4" NPT, Brass Body, Normally Closed, High Pressure
- <u>S21 Series 3/4" NPT, Brass Body, Normally Open</u>
- <u>S21 Series 3/4" NPT, Type 316 SS Body, Normally Open</u>
- S21 Series 3/4" NPT, Brass Body, Normally Open, High Performance
- <u>S21 Series 1" NPT, Brass Body, Normally Closed</u>
- <u>S21 Series 1" NPT, Type 316 SS Body, Normally Closed</u>
- <u>S21 Series 1" NPT, Brass Body, Normally Closed, High Performance</u>
- <u>S21 Series 1" NPT, Type 316 SS Body, Normally Closed, High Performance</u>
- <u>S21 Series 1" NPT, Brass Body, Normally Open</u>
- <u>S21 Series 1" NPT, Type 316 SS Body, Normally Open</u>

- S21 Series 1" NPT, Type 316 SS Body, Normally Open, High Performance
- <u>S21 Series 1-1/4" NPT, Brass Body, Normally Closed</u>
- <u>S21 Series 1-1/4" NPT, Type 316 SS Body, Normally Closed</u>
- <u>S21 Series 1-1/4" NPT, Brass Body, Normally Closed, High Performance</u>
- <u>S21 Series 1-1/4" NPT, Type 316 SS Body, Normally Closed, High Performance</u>
- S21 Series 1-1/4" NPT, Brass Body, Normally Open
- <u>S21 Series 1-1/4" NPT, Type 316 SS Body, Normally Open</u>
- <u>S21 Series 1-1/4" NPT, Brass Body, Normally Open, High Performance</u>
- S21 Series 1-1/4" NPT, Type 316 SS Body, Normally Open, High Performance
- <u>S21 Series 1-1/2" NPT, Brass Body, Normally Closed</u>
- <u>S21 Series 1-1/2" NPT, Type 316 SS Body, Normally Closed</u>
- S21 Series 1-1/2" NPT, Brass Body, Normally Closed, High Performance
- S21 Series 1-1/2" NPT, Type 316 SS Body, Normally Closed, High Performance
- S21 Series 1-1/2" NPT, Brass Body, Normally Open
- <u>S21 Series 1-1/2" NPT, Type 316 SS Body, Normally Open</u>
- S21 Series 1-1/2" NPT, Brass Body, Normally Open, High Performance
- S21 Series 1-1/2" NPT, Type 316 SS Body, Normally Open, High Performance
- <u>S21 Series 2" NPT, Brass Body, Normally Closed</u>
- <u>S21 Series 2" NPT, Type 316 SS Body, Normally Closed</u>
- <u>S21 Series 2" NPT, Brass Body, Normally Closed, High Performance</u>
- <u>S21 Series 2" NPT, Type 316 SS Body, Normally Closed, High Performance</u>
- S21 Series 2" NPT, Brass Body, Normally Open
- S21 Series 2" NPT, Type 316 SS Body, Normally Open
- <u>S21 Series 2" NPT, Brass Body, Normally Open, High Performance</u>
- S21 Series 2" NPT, Type 316 SS Body, Normally Open, High Performance

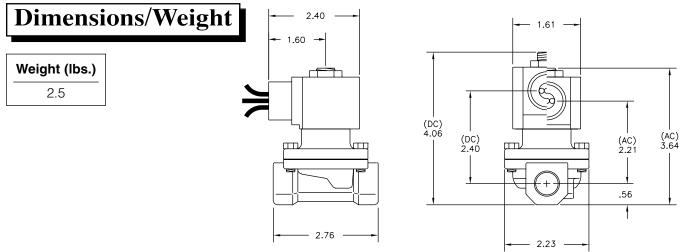


- 3/8" NPT
- Brass Body
- 2-Way Piloted
- Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Brass Ø 5/8"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	UL Listed, UL Recognized, CSA Approved



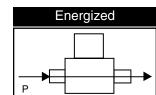


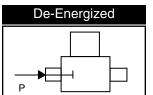


Valve Selection List

Normally Closed	

Op	erating Pressure Differential (psi)





Size	Size		C	perating Pressure Differential (psi) Maximum									al	Power Consumption		Model Code			
Pipe Si	Orifice		m	Air/	Gas	Wa	ater	Ligh	ıt Oil	Ste	am*	Max Fluid Temp.	Material	(Wa	· ·	(1200/00H2 — 1100/30H2) Shown			
	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC		Seal I	AC	DC	Brass Body			
	5/8	4.3	4	200	150	150	100	—	—	—	—	295	EPR	8	10	S211GF02C5CG4			
0/0	5/8	4.3	4	200	150	150	100	150	100	—	—	180	Nitrile	8	10	S211GF02N5CG4			
3/8	5/8	4.3	4	200	150	150	100	150	100	—	—	230	Viton	8	10	S211GF02V5CG4			
	5/8	4.3	4	_	_	_	_	_	_	50*	50*	295	EPR	8	10	S211GH02C5CG4			

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

Part Nu	mberi	ng								
1 2 3	4	5	6	7	8	9	10	11	12	13
S 2 1	1	G	F	0	2	С	5	C	G	4
Series	Operating Mode	Housing*	Coil Class*	Volt	age*	Seal Material	Body Material	Pipe Connection	Orifice	Size
S21	1: Normally Closed	G: Conduit	F: Class F H: Class H		20/60 10/50	C: EPR N: Nitrile V: Viton	5: Brass	C: 3/8" NPT	G4: 5/8	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	* Se	e the "Engine	eering Guide	" for add	ditional v	oltages, vari	ations and op	otions.		

Co	oil Family	Frequency (Hz)	60	50	
Туре	Size				
AC DC	S3	Nominal Power (VA)	Inrush	36	36
DC	S4		Holding	13	14

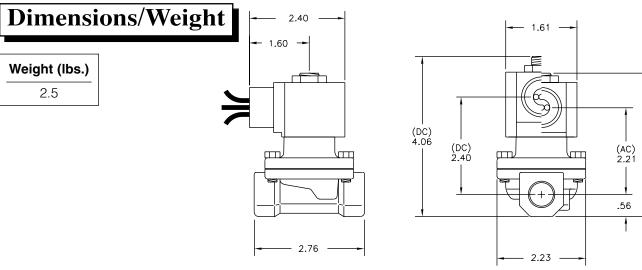


- 3/8" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 5/8"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	UL Listed, UL Recognized, CSA Approved





(AC) 3.64



S211 – 3/8" NPT, Stainless Steel Body, Type 316, Normally Closed

Valv	e Se	lec	tic	n	Li	st										
Normally Closed								\checkmark						₽	De-Energized	
Pipe Size	Orifice Size				Derating Pressure Differential Maximum Air/Gas Water Light Oil							Max Fluid Temp.	Material	Consu	wer Imption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
L NPT	0 IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	۴	Seal N	AC	DC	Stainless Steel Body Type 316
	5/8	4.3	4	200	150	150	100	—	—	—	—	295	EPR	8	10	S211GF02E7CG4
0/0	5/8	4.3	4	200 150 150 100 150 10				100	_	—	180	Nitrile	8	10	S211GF02J7CG4	
3/8	5/8	4.3	4	200 150 150 100 150 10				100	—	—	230	Viton	8	10	S211GF02L7CG4	
	5/8	4.3	4							50*	50*	295	EPR	8	10	S211GH02E7CG4

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

Part Nu	mberi	ng						
1 2 3 S 2 1	4	5 G	6 F	7 8 0 2	9 E	10 7	11 C	12 13 G 4
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	S21 1: Normally G: Condu		H: Class H	02: 120/60 110/50 " for additional v	E: EPR J: Nitrile L: Viton	7: 316 SS	C: 3/8" NPT	G4: 5/8"

С	oil Family	Frequency (Hz)	60	50	
Туре	Size		la mark		
AC DC	S3	Nominal Power (VA)	Inrush	36	36
DC	S4		Holding	13	14



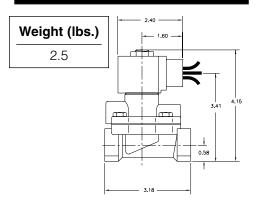


- High Performance
- 3/8" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed

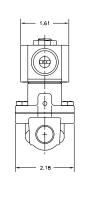


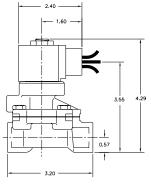
Seals:	Viton [®] , Teflon [®]
••••••	Stainless Steel Stainless Steel Ø 1/2"
Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
Optional Housings	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
Standard Voltages	24, 120, 240 AC 60 Hz; 50 Hz available Contact GC Valves Customer Service for Additional Voltages.
Voltage Tolerance:	±10% of applicable voltage
Coil Classes:	F, H, N
Standard Lead Ler	h: 24 inch
Ambient (Nominal)	32°F to 125°F
Position:	± 45º From Vertical
Agency:	UL Listed, UL Recognized, CSA Approved
	Orifice:Pilot MainStandard Housing:Optional Housings:Optional Housings:Standard Voltages:Standard Voltages:Coil Classes:Standard Lead LengtAmbient (Nominal):Position:

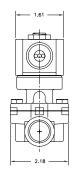
Dimensions/Weight



Body Code 4







Body Code 2

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For ordering information, visit mountaincontrols.com.



S211 – High Performance, 3/8" NPT, Brass Body, Normally Closed

Valv	ve Se	lec	etic)n	Li	st												
Normally Closed									∕~			P	Energi		∃→	De-t		ed
Pipe Size	Orifice Size			Operating Pressure Differential Maximum Air/Gas Water Light Oil S								Max Fluid Temp.	Seal Material	Consu	ower umption atts)	Model (120V/60HZ – Sho	- 110V/50	^{HZ})
NPT	IN	c _v	Minimum	AC	AC DC AC DC AC DC							°F	Seal	AC	DC	Brass	Body	
3/8	1/2 1/2	3.3 3.3	1	250 150 250 150 2						 100*	— 100*	230 338	Viton Teflon	8 8	9	S211GF0 S211GH0		
0,0	1/2	3.3	10	_	_	_		_			150*	366 Teflon 8 9			-	S211GH0		
Pa	rt N	um	ıbo	eri	ng													
1	2 3		4			5		6	5		7	8	9	9	10	11	12	13
S	2 1		1			G		F	-		0	2		<	4	С	G	1
Se	eries	C	pera Mod		Но	using)* C	Coil C	lass*	r	Volt	age*	Se Mate		Body Materia	Pipe I Connection	Orific	e Size
S	S21 1: Normally G: Conduit F: Class F Closed H: Class H									1	20/60 10/50	K: Vit T: Tet	flon	4: Forge Brass 2: Brass				
			* See the "Engineering Guide" for add										voltages	s, varia	ations and	l options.		

	Coil Family		Frequency (Hz)		60	50
T ₃	ype II	Size S3	Nominal Power (VA)	Inrush	36	36
				Holding	13	14





- High Pressure
- 3/8" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



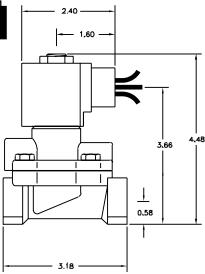
Materials	Seals:		Viton [®] , Teflon [®]				
	•	Pilot Main	Stainless Steel Stainless Steel Ø 1/2"				
Electrical	Standard Housi	ing:	Encapsulated Waterproof Conduit (NEMA 4/4X)				
	Optional Housir	ngs:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.				
	Standard Voltag	ges:	24, 120, 240 AC 60 Hz; 50 Hz available Contact GC Valves Customer Service for Additional Voltages.				
	Voltage Toleran	nce:	±10% of applicable voltage				
	Coil Classes:		F, H, N				
	Standard Lead	Length:	24 inch				
Operating Temperature	Ambient (Nomir	nal):	32°F to 125°F				
Mounting	Position:		Any				
Approvals*	Agency:		UL Recognized				

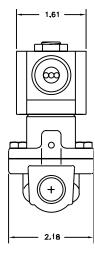
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* Not available for all variations

Dimensions/Weight

Weight (lbs.)



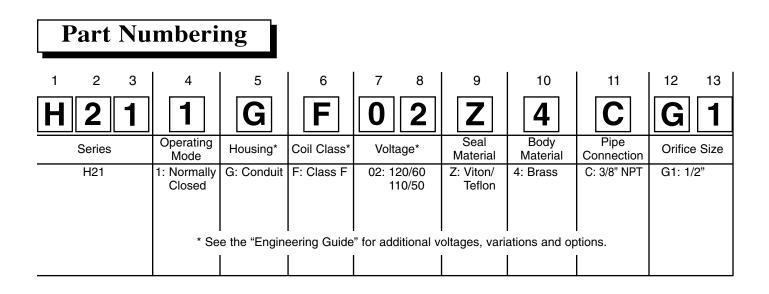




H211 – High Pressure, 3/8" NPT, Brass Body, Normally Closed

Valve Selection List

Normally Closed									Energi]→	De-Energized		
Size	Size	0	Operating Pressure Differential (psi) Maximum							al	Pov Consu	wer mption	Model Code	
Pipe S	Orifice		m	Air/	Gas	Wa	ater	Ligh	t Oil	Max Fluid Temp.	Material	(Wa		(1200/0012 — 1100/3012) Shown)
∟ NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	°F	Seal I	AC	DC	Brass Body
3/8	1/2	3.3	10	0 1400 1400 1400 1400 1400 1400			1400	230	Viton/Teflon	10	10	H211GF02Z4CG1		



Coil F	amily	Frequency (Hz)		60	50
Type All	Size S4	Nominal Power (VA)	Inrush	46	46
			Holding	18	19



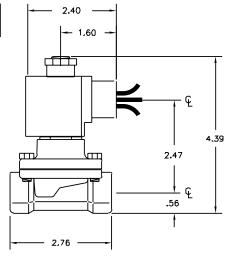
- 3/8" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Nu nu o
- Normally Open



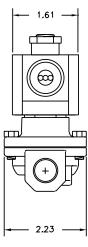
Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene				
	Orifice: Pilot Main	Stainless Steel Brass Ø 5/8"				
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)				
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.				
	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:	UL Listed, UL Recognized, CSA Approved				

Dimensions/Weight

Weight (lbs.)



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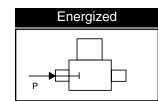


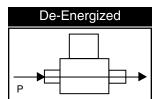


Valve Selection List

Normally	y Open
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ze	Size e Size		С	perating Pressure Differential (psi) Maximum					i)	, dm	a	Power Consumption		Model Code		
Pipe Si	Orifice		um	Air/	Gas	Wa	ater	Ligh	t Oil	Ste	am*	Max Fluid Temp.	Material		atts)	(120V/60HZ — 110V/50HZ Shown)
∟ NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC		Seal I	AC	DC	Brass Body
	5/8	3.3	3	200	140	200	125	—	—	—	—	295	EPR	11	10	S212GF02C5CG4
0/0	5/8	3.3	3	200	140	200	125	200	125	_	—	180	Nitrile	11	10	S212GF02N5CG4
3/8	5/8	3.3	3	200	140	200	125	200	125	—	—	230	Viton	11	10	S212GF02V5CG4
	5/8	3.3	3	_	_	_	_	_	_	50*	50*	295	EPR	11	10	S212GH02C5CG4

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

Part Nu	mberi	ng						
1 2 3	4	5	6	7 8	9	10	11	12 13
S 2 1	2	G	F	02	C	5	С	G 4
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	2: Normally Open	G: Conduit	F: Class F H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton	5: Brass	C: 3/8" NPT	G4: 5/8"
	* Se	e the "Engine	eering Guide	" for additional \	voltages, vari	ations and op	otions.	

	Coil F	amily	Frequency (Hz)		60	50
_	Type ALL	Size S4	Nominal Power (VA)	Inrush	46	46
				Holding	22	25



VALVES

- 3/8" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open



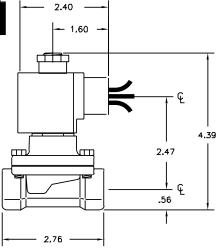
Seals:	Nitrile, Viton [®] , Ethylene Propylene
Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 5/8"
Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
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 Leng	th: 24 inch
Ambient (Nominal):	32°F to 125°F
Position:	Any
Agency:	UL Listed, UL Recognized, CSA Approved
	Orifice: Pilot Main Standard Housing: Optional Housings: Optional Housings: Standard Voltages: Standard Voltages: Standard Voltages: Voltage Tolerance: Coil Classes: Standard Lead Leng Ambient (Nominal):

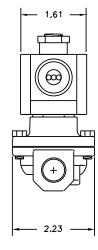
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* Not available for all variations



Weight (lbs.)





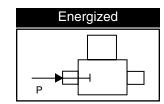


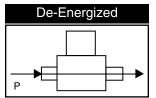
S212 – 3/8" NPT, Stainless Steel Body, Type 316, Normally Open

Valve Selection List

Normal	ly	Open
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Ζт	P	





Size	Size		С	pera	ting F		ure D Maxir		ential	(ps	i)	émp.	a	Pov	wer mption		
Pipe Si	Orifice		ш	Air/	Gas	Wa	ater	Ligh	t Oil	Ste	am*	Max Fluid Temp.	Material		atts)	(120V/60HZ — 110V/50HZ) Shown)	
L NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	۴	Seal N	AC DC		Stainless Steel Body Type 316	
	5/8	3.3	3	200	140	200	125	—	—	—	—	295	EPR	11	10	S212GF02E7CG4	
0/0	5/8	3.3	3	250	140	200	125	200	125	—	—	180	Nitrile	11	10	S212GF02J7CG4	
3/8	5/8	3.3	3	200	140	200	125	200	125	—	_	230	Viton	11	10	S212GF02L7CG4	
	5/8	3.3	3	—	—	—	_	_	_	50*	50*	295	EPR	11	10	S212GH02E7CG4	

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

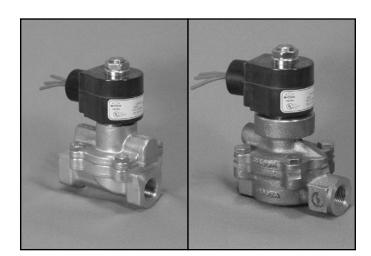
Part Nu	mberi	ng									
1 2 3 S 2 1	4 2	₅	6 F	7 8 0 2) 9 E	10 7		12 13 G 4			
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size			
S21	2: Normally Open	G: Conduit	F: Class F H: Class H	02: 120/60 110/50	E: EPR J: Nitrile L: Viton	7: 316 SS	C: 3/8" NPT	G4: 5/8"			
	* See the "Engineering Guide" for additional voltages, variations and options.										

	Coil F	amily	Frequency (Hz)		60	50
_	Type ALL	Size S4	Nominal Power (VA)	Inrush	46	46
				Holding	22	25



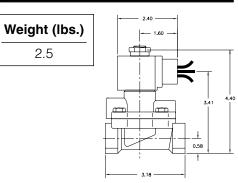


- High Performance
- 3/8" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Open

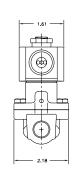


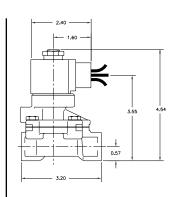
Materials	Seals:	Viton [®] , Teflon [®]
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1/2"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 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:	UL Recognized

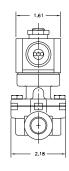
Dimensions/Weight



Body Code 4







Body Code 2

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For ordering information, visit mountaincontrols.com.



S212 – High Performance, 3/8" NPT, Brass Body, Normally Open

Valve Selection List Energized **De-Energized** Normally Open Ρ Р P **Operating Pressure Differential (psi)** Model Code Size Max Fluid Temp. Power Maximum Pipe Size Seal Material Consumption 120V/60HZ — 110V/50HZ Orifice (Watts) Air/Gas Water Light Oil Steam* Shown Minimum AC DC AC DC AC DC AC DC AC DC Brass Body Cv NPT °F IN 1/2 150 140 150 140 230 Viton S212GF02K4CG1 3.3 1 150 140 8 9 3/8 1/23.3 1 100* 100* 338 Teflon 8 9 S212GH02T4CG1 3.3 1/2 10 150*140* 366 Teflon 8 9 S212GH02T2CG1 * Class H Coil Recommended for Steam and Other High Temperature Applications **Part Numbering** 1 2 З 5 6 7 8 9 10 11 12 13 4 2 2 K 1 G 4 Seal Body Pipe Operating Coil Class' Orifice Size Series Housing* Voltage* Connection Mode Material Material S21 2: Normally G: Conduit F: Class F 02: 120/60 K: Viton 4: Forged C: 3/8" NPT G1: 1/2" Open H: Class H 110/50 T: Teflon Brass 2: Brass

* See the "Engineering Guide" for additional voltages, variations and options.

Coil F	amily	Frequency (Hz)		60	50
Type All	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	18	19

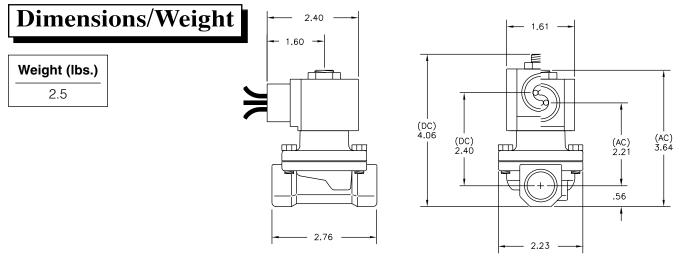


- 1/2" NPT
- Brass Body
- 2-Way Piloted
- Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Brass Ø 5/8"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	UL Listed, UL Recognized, CSA Approved

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Valv	e Se	lec	tic)n	Li	st										
Normall	Normally Closed						L T P		V							De-Energized
Pipe Size	Orifice Size		Minimum		perating Pressure Differential Maximum Air/Gas Water Light Oil			-	Max Fluid Temp.	Seal Material	Power Consumption (Watts)		Model Code (120V/60HZ — 110V/50HZ) Shown)			
NPT	IN	Cv	Min	AC	DC	AC	DC	AC	DC	AC	DC	°F	Sea	AC	DC	Brass Body
	5/8	4.3	4	200	150	150	100	_	_	—	—	295	EPR	8	10	S211GF02C5DG4
1/2	5/8	4.3	4	200	150	150	100	150	100	—	—	180	Nitrile	8	10	S211GF02N5DG4
1/2	5/8	4.3	4	200	150	150	100	150	100	—	—	230	Viton	8	10	S211GF02V5DG4
	5/8	4.3	4	-	—	-	—	—	—	50*	50*	295	EPR	8	10	S211GH02C5DG4
Pa	rt N	um	nba	eri	ng		Clas	s H C	oil F	Reco	omm	ended	for Stea	am and	d Othei	r High Temperature Applications

1	2	3	4	5	6	7 8	9	10	11	12 13
S	2	1	1	G	F	02	С	5	D	G 4
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21		1: Normally Closed	G: Conduit	F: Class F H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton	5: Brass	D: 1/2" NPT	G4: 5/8"
			* Se	e the "Engine	eering Guide	otions.				

Coil	Family	Frequency (Hz)		60	50
Туре	Size				
AC	S3	Nominal Power (VA)	Inrush	36	36
DC	S4		Holding	13	14



- 1/2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene							
	Orifice: Pilot	Stainless Steel							
	Main	Stainless Steel Ø 5/8"							
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)							
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.							
	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:	UL Listed, UL Recognized, CSA Approved							
* Not available for all variations Dimensions/	Weight - 2.40	® Registered Trademark of DuPont Co.							
Weight (Ibs.) 2.5		(DC) 4.06 (DC) 2.40 2.21 3.							



Valve Selection List

Normall	y Close	d			7		• P		V			P	Energ]→	De-Energized
Pipe Size	Orifice Size				ting F Gas	g Pressure Differential Maximum as Water Light Oil		(psi) Steam*		Max Fluid Temp.	Seal Material	Pov Consu (Wa	mption	Model Code (120V/60HZ — 110V/50HZ) Shown)		
∟ NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal I	AC	DC	Stainless Steel Body Type 316
	5/8	4.3	4	200	150	150	100	—	—	—	—	295	EPR	8	10	S211GF02E7DG4
1/2	5/8	4.3	4	200	150	150	100	150	100	_	—	180	Nitrile	8	10	S211GF02J7DG4
1/2	5/8	4.3	4	200	200 150 150 100 150 100 -				—	—	230	Viton	8	10	S211GF02L7DG4	
	5/8	4.3	4	—	—	—	—	—	—	50*	50*	295	EPR	8	10	S211GH02E7DG4

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

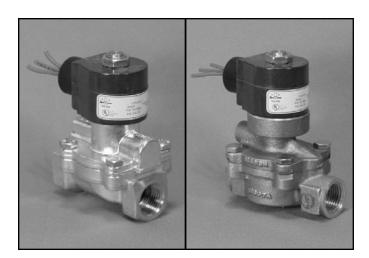
Part N	Nu	mberi	ng						
1 2	3	4	5	6	78	9	10	11	12 13
S 2 ⁻	1	1	G	F	02	Ε	7	D	G 4
Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21		1: Normally Closed	G: Conduit	F: Class F H: Class H	02: 120/60 110/50	E: EPR J: Nitrile L: Viton	7: 316 SS	D: 1/2" NPT	G4: 5/8"
		* Se	tions.						

Coil	Family	Frequency (Hz)	Frequency (Hz)						
Туре	Size								
AC	S3	Nominal Power (VA)	Inrush	36	36				
DC	S4		Holding	13	14				



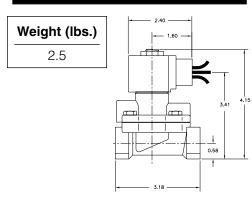


- High Performance
- 1/2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed

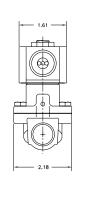


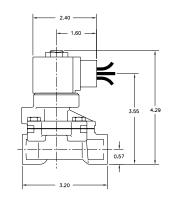
Materials	Seals:		Viton [®] , Teflon [®]
		ilot ain	Stainless Steel Stainless Steel Ø 1/2"
Electrical	Standard Housin	ıg:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housing	gs:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltage	es:	24, 120, 240 AC 60 Hz; 50 Hz available Contact GC Valves Customer Service for Additional Voltages.
	Voltage Toleranc	ce:	±10% of applicable voltage
	Coil Classes:		F, H, N
	Standard Lead L	_ength:	24 inch
Operating Temperature	Ambient (Nomina	al):	32°F to 125°F
Mounting	Position:		± 45º From Vertical
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

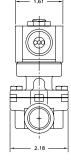
Dimensions/Weight



Body Code 4







Body Code 2

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For ordering information, visit mountaincontrols.com.



S211 – High Performance, 1/2" NPT, Brass Body, Normally Closed

Normall	y Close	_ d								1			Energi	zed			De-E	inergize	ed
	<u>,</u>						L T P		∿						∃→		P		
Ze	Size		Operating Pressure Differentia							l (ps	i)	mp.	al	1	wer Imption	,	Model (
Pipe Size	Orifice Size		mm	Air/	Air/Gas Water				t Oil	Ste	am*	Max Fluid Temp.	Seal Material	1	atts)	(120V/60HZ — Shov		^{HZ})
NPT	0 IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal I	AC	DC		Brass E	Body	
	1/2	3.3	1	250	150	250	150	250	150	—	-	230	Viton	8	9		S211GF02	2K4DG1	
1/2	1/2	3.3	1	_	_	—	_	—	—	100*	100*	338	Teflon	8	9		S211GH02	2T4DG1	
	1/2	3.6	10	_	—	—	—	—			150*	366	Teflon	8	9		S211GH02 h Temperatur	-	
Pa	rt N	un	ıbo	eri	ng	,													
1	2 3		4			5		6	6		7	8	9	э	10		11	12	13
S	2 1		1			G		F	-		0	2		<	4		D	G	1
	eries		pera Mod	le		using	, 	Coil C				age*	Se Mate		Body Mater	ial	Pipe Connection	Orific	e Size
S	S21		Norn Clos		G: (Cond		F: Class F H: Class H				20/60 10/50	K: Vit T: Tet		4: Forg Bras 2: Bras	s	D: 1/2" NPT	G1: 1	/2"
				* Se	l e the	e "Enç	ן ginee	ering	Guid	I e" fo	or add	ditional	I voltages	ا s, varia י	ations ar	nd op	i otions.		

Coil I	Family	Frequency (Hz)	Frequency (Hz)						
Туре	Size								
All	S3	Nominal Power (VA)	Inrush	36	36				
			Holding	13	14				





- High Pressure
- 1/2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



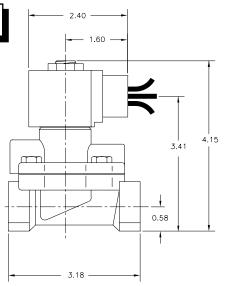
Materials	Seals:	Viton [®] , Teflon [®]				
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1/2"				
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)				
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.				
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 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:	UL Recognized				

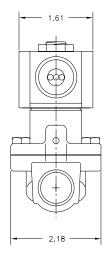
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* Not available for all variations

Dimensions/Weight

Weight (lbs.)



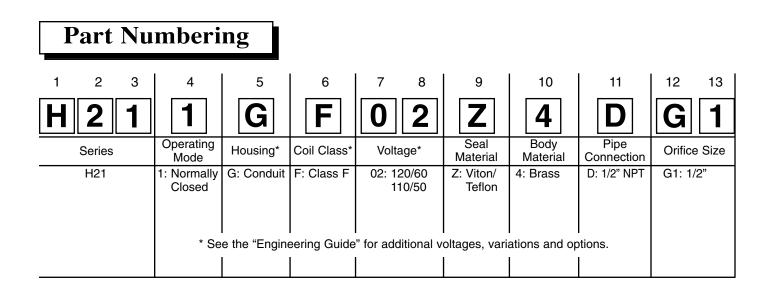




H211 – High Pressure, 1/2" NPT, Brass Body, Normally Closed

Valve Selection List Normally Closed Image: Closed Imag

	ze			peratii	ng Pre			ntial (p	DSI)	ъ.		Po	ver	Model Code
Size	Siz					Maxi	mum			en X	rial	Consumption		(120V/60HZ — 110V/50HZ)
ipe S	rifice		ш	Air/	Gas	Wa	ater	Ligh	t Oil	Max luid Ter	Mater	(Wa	atts)	Shown
<u>م</u>	0		linim	AC	DC	AC	DC	AC	DC	Ш		AC	DC	Brass Body
NPT	IN	Cv	Ξ	AC		AC		AC		°F	Seal	AC		Diass Dody
1/2	1/2	3.3	10	1400	1400	1400	1400	1400	1400	230	Viton/Teflon	10	10	H211GF02Z4DG1



Coil Data

Coil	Family	Frequency (Hz)	Frequency (Hz)							
Туре	Size			46						
All	S4	Nominal Power (VA)	Inrush		46					
			Holding	18	19					

De-Energized

Р

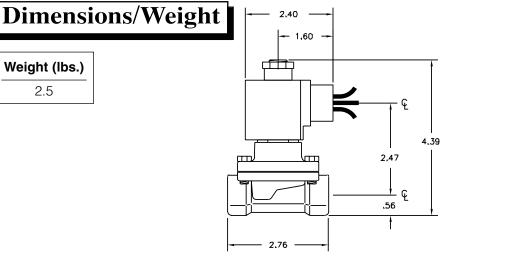


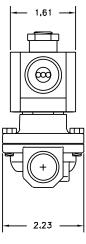
- 1/2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- N U O
- Normally Open



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene				
	Orifice: Pilot Main	Stainless Steel Brass Ø 5/8"				
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)				
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.				
	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:	UL Listed, UL Recognized, CSA Approved				









Valv	e Se	lec	tic	n	Li	st										
Normally	y Open				7	L T	P	<u>`</u> \	^			 P	Ener(gized]	De-Energized
Pipe Size	Orifice Size			pera Air/	ting F Gas	N	sure D Maxir ater	num	ential It Oil			Max Fluid Temp.	Seal Material	Power Consumption (Watts)		Model Code (120V/60HZ — 110V/50HZ) Shown)
L NPT	0 IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	۴	Seal N	AC	DC	Brass Body
	5/8	4.3	3	200	140	200	125	—	_	—	—	295	EPR	11	10	S212GF02C5DG4
1/2	5/8	4.3	3	200	140	200	125	200	125		_	180	Nitrile	11	10	S212GF02N5DG4
1/2	5/8	4.3	3	200	140	200	125	200	125	—	—	230	Viton	11	10	S212GF02V5DG4
	5/8	4.3	3	_	—		_	—	_	50*	50*	295	EPR	11	10	S212GH02C5DG4

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

Part Nu	mberi	ng						
1 2 3	4	5	6	78	9	10	11	12 13
S 2 1	2	G	F	02	С	5	D	G 4
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	2: Normally Open	G: Conduit	F: Class F H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton	5: Brass	D: 1/2" NPT	G4: 5/8"
	* Se	e the "Engine	eering Guide	" for additional v	oltages, vari	ations and op	otions.	

Coil Data

Coil F	amily	Frequency (Hz)	Frequency (Hz)						
Туре	Size		la mar la		40				
ALL	S4	Nominal Power (VA)	Inrush	46	46				
			Holding	22	25				

7



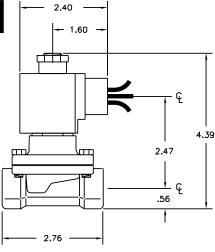
- 1/2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open



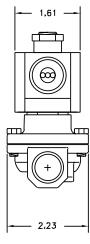
EMA 4/4X)					
MA 7), Grommet, dual knockouts), ervice for others.					
ble 9 for Additional					
UL Listed, UL Recognized, CSA Approved					



Weight (lbs.)



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S212 – 1/2" NPT, Stainless Steel Body, Type 316, Normally Open

Valv	ve Se	lec	etic	n	Li	st										
Normally Open								 P		gized		De-Energized				
Pipe Size	Orifice Size				Derating Pressure Differential Maximum Air/Gas Water Light Oil							Max Fluid Temp.	Seal Material	Consu	wer mption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
 NPT	O IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	۴	Seal N	AC	DC	Stainless Steel Body Type 316
	5/8	4.3	3	200	140	200	125	_	_	—	—	295	EPR	11	10	S212GF02E7DG4
1/2	5/8	4.3	3	200	140	200	125	200	125		_	180	Nitrile	11	10	S212GF02J7DG4
1/2	5/8	4.3	3	200	140	200	125	200	125	—	—	230	Viton	11	10	S212GF02L7DG4
	5/8	4.3	3	—	—	—	—	—	—	50*	50*	295	EPR	11	10	S212GH02E7DG4

* 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	1	2	G	F	02	Ε	7	D	G 4
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21		2: Normally Open		H: Class H	02: 120/60 110/50	E: EPR J: Nitrile L: Viton	7: 316 SS	D: 1/2" NPT	G4: 5/8"
			* Se	e the "Engine	eering Guide	" for additional v	oltages, vari	ations and op	otions.	

Coil	Family	Frequency (Hz)		60	50
Type ALL	Size S4	Nominal Power (VA)	Inrush	46	46
			Holding	22	25



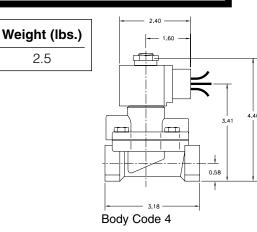


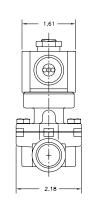
- High Performance
- 1/2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Open

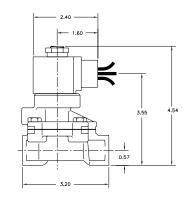


Materials	Seals:	Viton [®] , Teflon [®]					
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1/2"					
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 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:	UL Listed, UL Recognized, CSA Approved					

Dimensions/Weight







Body Code 2

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For ordering information, visit mountaincontrols.com.



S212 – High Performance, 1/2" NPT, Brass Body, Normally Open

Valv	ve Se	lec	etic	n	Li	st				_		_							
Normally Closed								 P	Energi				De-E		≱d				
Pipe Size	Orifice Size				erating Pressure Differential (psi) Maximum Air/Gas Water Light Oil Steam*								Seal Material	Consu	wer umption atts)	(Model (120V/60HZ — Shov	110V/50	HZ)
NPT	IN	Cv	Minimum	AC	DC AC DC AC DC AC DC						⊸ Max ∸n Fluid Temp.	Seal	AC	DC		Brass E	Body		
	1/2	3.3	1	150	140	150	140	150	140	_	—	230	Viton	8	9	S212GF02K4DG1			
1/2	1/2	3.3	1	_	_	—	_	_	—	100*	100*	338	Teflon	8	9		S212GH02	2T4DG1	
	1/2	3.6	10	—	—	—	—	—	—	150*	140*	366	Teflon	8	9		S212GH02	2T2DG1	
Pa	rt N	un	ıbo	eri	ng											-			
1	2 3		4			5		6	6		7	8	9	э	10		11	12	13
S	2 1		2)		G		F	-		0	2			4		D	G	1
Se	eries	С	pera Mod		Ho	using	I* C	Coil C	lass	*	Volt	age*	Se Mate		Body Mater		Pipe Connection	Orific	e Size
S	521		Norn Oper		G: (Condi		: Cla I: Cla				20/60 10/50	K: Vi T: Te		4: Forg Bras 2: Bras	s	D: 1/2" NPT	G1: 1	/2"
				* Se	e the	e "Enç	ginee	ering	Guid	e" fo	r ado	ditiona	l voltages	s, varia	ations ar	nd op	btions.		

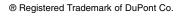
Coil	Family	Frequency (Hz)		60	50
Туре	Size				
All	S3	Nominal Power (VA)	Inrush	36	36
			Holding	18	19

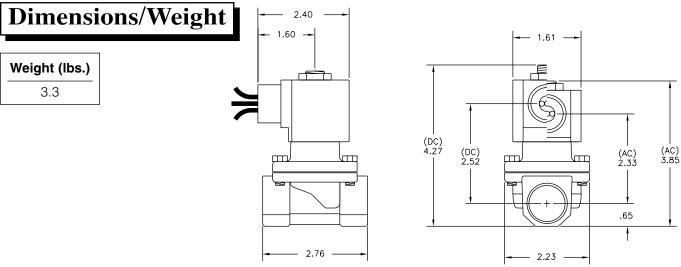


- 3/4" NPT
- Brass Body
- 2-Way Piloted
- Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene					
	Orifice: Pilot Main	Stainless Steel Brass Ø 3/4"					
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
	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:	UL Listed, UL Recognized, CSA Approved					





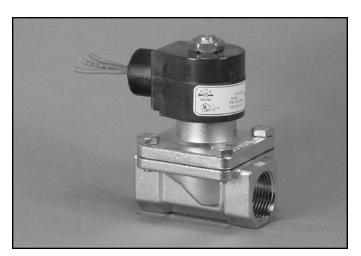


	y Close	ed			7				\lor				Energi				De-E	nergiz	
							Р					Р			}		P		
Ð	Size		Operating Pressure Differential (psi)									.dr		-	wer	_	Model 0	Code	
Pipe Size	Orifice S		E	Air/	Maximum Air/Gas Water Light Oil Steam*						Max Fluid Temp.	Seal Material	1	umption atts)	(120V/60HZ — Shov		0HZ	
та NPT	Ō	cv	Minimum	AC						°F	Seal N	AC	DC		Brass E	Body			
	3/4	6.7	4	200	150	150	100	_	_	—	—	295	EPR	8	10		S211GF02	C5EG	5
	3/4	6.7	4	200	150	150	100	150	100		—	180	Nitrile	8	10		S211GF02N5EG5		
3/4	3/4	6.7	4	200	150	150	100	150	100	—	—	230	Viton	8	10	S211GF02V5EG		V5EG	5
	3/4	6.7	4	—	—	—	—	—	—	50*	50*	295	EPR	8	10		S211GH02	C5EG	5
Pa	rt N	un	ıb	eri	ng														
1	2 3		4			5		6	6		7	8	9	9	10)	11	12	1
5	2 1		1			G		F	•		0	2] [5		E	G	
	eries		pera Mod	ting de	Но	using	j* C	Coil C	lass*		Volt	age*	Se Mate		Bod Mater		Pipe Connection	Orific	ce Si
Se	621	1:	Norr Clos	nally ed	G: (Cond		: Cla I: Cla				20/60 10/50	C: EF N: Ni V: Vit	trile	5: Bras	S	E: 3/4" NPT	G5: (3/4"

Coil F	amily	Frequency (Hz)		60	50
Туре	Size			26	
AC	S3	Nominal Power (VA)	Inrush	36	36
DC	S4		Holding	13	14

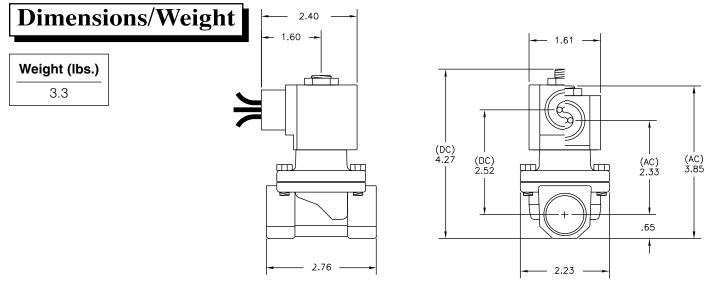


- 3/4" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



Seals:	Nitrile, Viton [®] , Ethylene Propylene					
Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 3/4"					
Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
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					
Ambient (Nominal):	32°F to 125°F					
Position:	Any					
Agency:	UL Listed, UL Recognized, CSA Approved					
	Orifice: Pilot Main Standard Housing: Optional Housings: Optional Housings: Standard Voltages: Standard Voltages: Coil Classes: Standard Lead Length Ambient (Nominal):					







Valve Selection List

Energized **De-Energized** Normally Closed Ρ Р Operating Pressure Differential (psi) Size Model Code Max Fluid Temp. Power Maximum Pipe Size Seal Material Consumption 120V/60HZ — 110V/50HZ Orifice (Watts) Air/Gas Water Light Oil Steam' Shown Minimum Stainless Steel Body AC DC AC DC AC DC AC DC AC DC Cv NPT °F Type 316 IN 3/4 295 EPR 6.7 4 200 150 150 100 8 10 S211GF02E7EG5 3/4 6.7 4 200 150 150 100 150 100 180 Nitrile 8 10 S211GF02J7EG5 3/4 3/4 200 150 10 6.7 4 150 150 100 100 230 Viton 8 S211GF02L7EG5 3/4 6.7 4 50* 50* 295 EPR 8 10 S211GH02E7EG5 * Class H Coil Recommended for Steam and Other High Temperature Applications **Part Numbering** 2 12 13 1 3 4 5 6 8 9 10 11 7 G 5 Ε U _ 5 Body Pipe Operating Seal Coil Class' Housing* Orifice Size Voltage* Series Mode Material Material Connection

		L
		1
Data		
ναια		

1: Normally

Closed

G: Conduit

F: Class F

H: Class H

S21

Coil Family Frequency (Hz) 60 50 Туре Size Nominal Power (VA) Inrush 36 36 AC S3 DC S4 Holding 13 14

02: 120/60

110/50

* See the "Engineering Guide" for additional voltages, variations and options.

E: EPR

J: Nitrile L: Viton 7: 316 SS

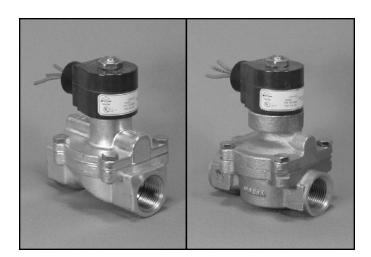
E: 3/4" NPT

G5: 3/4"



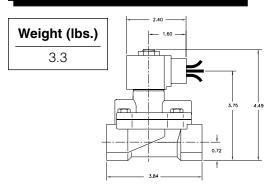


- High Performance
- 3/4" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed

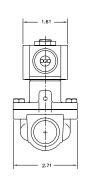


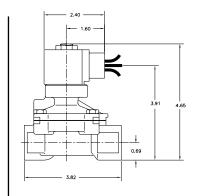
Materials	Seals:	Viton [®] , Teflon [®]
	Orifice: Pilo Ma	Stainless Steel Stainless Steel Ø 3/4"
Electrical	Standard Housing	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages	24, 120, 240 AC 60 Hz; 50 Hz available Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolerance	±10% of applicable voltage
	Coil Classes:	F, H, N
	Standard Lead Le	h: 24 inch
Operating Temperature	Ambient (Nominal	32°F to 125°F
Mounting	Position:	± 45° From Vertical
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

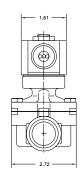
Dimensions/Weight



Body Code 4







Body Code 2

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S211 – High Performance, 3/4" NPT, Brass Body, Normally Closed

Valv	ve Se	leo	etio)n	Li	st				_									
Normall	y Close	<u>d</u>				1	L T P		\wedge						∃→		De-E	inergiz	
Pipe Size	Orifice Size							laximum				Max Fluid Temp.	aterial	Consi	Power Consumption (Watts)		Model Code 120V/60HZ — 110V/50HZ Shown		^{0HZ})
ةً NPT	ō IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	ਾਂ F	Seal Material	AC	DC		Brass E	Body	
	3/4	6.1	1	250	150	250	150	250	150	—	—	230	Viton	8	9		S211GF02K4EG5		
3/4	3/4	6.1	1	—	_	—		_	—	100*	100*	338	Teflon	8	9		S211GH02T4EG		5
	3/4	7.0	10	—	—	—	_	—	—	150*	150*	366	Teflon	8	9		S211GH02T2EG5		
Pa	rt N	un	nbo	eri	ng	- 													
1	2 3		4			5			6		7	8	9	9	10		11	12	13
S	2 1		1			G		F			0	2] [<	4		Ε	G	5
Se	Series		Operating Mode Ho		Ho	using	I* C	Coil Class		*	Volt	age*	Se Mate		Body Material		Pipe Connection	Orifice Size	
S	S21		1: Normally G: Cor Closed		Cond		F: Class F H: Class H				20/60 10/50	K: Vi T: Te	ton	4: Forged Brass 2: Brass		E: 3/4" NPT	G5: (3/4"	
				* Se	e the	e "Enç	ginee	ering	Guio	le" fo	or add	ditiona	l voltages	s, varia	ations ar	nd op	otions.		

	Coil Family		Frequency (Hz)	Frequency (Hz)					
_	Туре	Size			36				
_	All	S3	Nominal Power (VA)	Inrush		36			
				Holding	13	14			





- High Pressure
- 3/4" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed

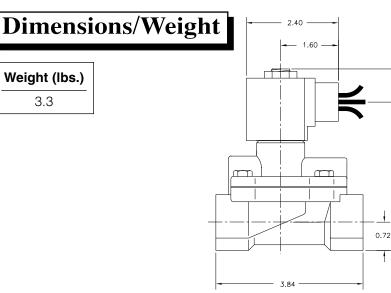


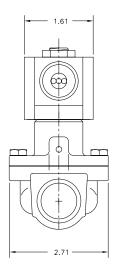
Materials	Seals:		Viton [®] , Teflon [®]
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/4"
Electrical	Standard Hou	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:		Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Volt	ages:	24, 120, 240 AC 60 Hz; 50 Hz available Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolera	ance:	±10% of applicable voltage
	Coil Classes:		F, H, N
	Standard Lea	d Length:	24 inch
Operating Temperature	Ambient (Non	ninal):	32°F to 125°F
Mounting	Position:		Any
Approvals*	Agency:		UL Recognized

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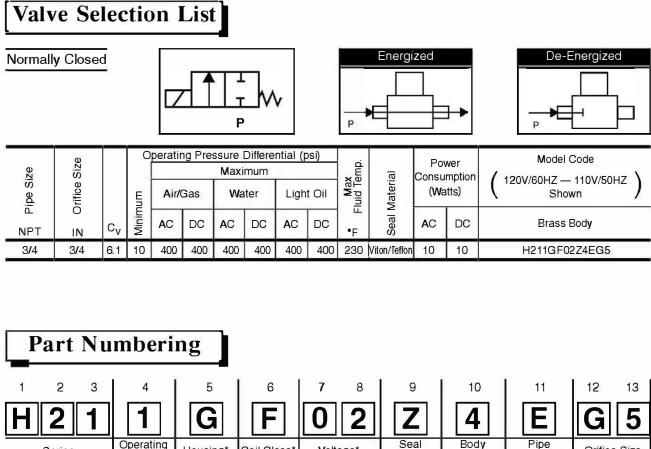
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Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
H21	1: Normally Closed			02: 120/60 110/50 " for additional v	Z: Viton/ Teflon	4: Brass	E: 3/4" NPT	G5: 3/4"
	00							

Coil Data

Coil I	⁻ amily	Frequency (Hz)	Frequency (Hz)						
Type All	Size S4	Nominal Power (VA)	Inrush	60 46	50 46				
			Holding	18	19				

(3.) Construction in the description of the Section in Section 2018 or STA 556 (2.4) Interception 2018 (1997).



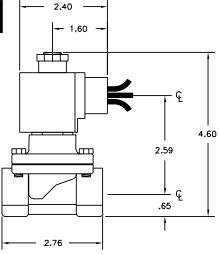
- 3/4" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Nu nu o
- Normally Open



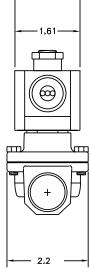
Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Brass Ø 3/4"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	UL Listed, UL Recognized, CSA Approved



Weight (lbs.)



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Valv	ve Se	lec	tic)n	Li	st											
Normally Open					7	L T	P	<u>_</u> /	\wedge				Ener(gized]	De-Energized	
Pipe Size	Orifice Size				ting F Gas	Pressure Differential Maximum Water Light Oil			I (psi)				Max Fluid Temp.	Seal Material	Consu	wer Imption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
L NPT	O IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	۳	Seal N	AC	DC	Brass Body	
	3/4	6.7	3	200	140	200	125	—	—	—	—	295	EPR	11	10	S212GF02C5EG5	
0/4	3/4	6.7	3	200	140	200	125	200	125	—	—	180	Nitrile	11 10 S212GF02		S212GF02N5EG5	
3/4	3/4	6.7	3	3 200 140 200 125 200 125		125	—	—	230	Viton	11	10	S212GF02V5EG5				
	3/4 6.7 3 — — — — — —				—	50*	50*	295	EPR	11	10	S212GH02C5EG5					
		-				* (Class	s H C	oil F	Reco	omm	endec	for Ste	eam an	d Othe	r High Temperature Applications	

Part N	ımberi	ng						
1 2 3	4	5	6	78	9	10	11	12 13
S 2 1	2	G	F	02	С	5	Ε	G 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	S21 2: Normally G: Con Open		F: Class F H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton	5: Brass	E: 3/4" NPT	G5: 3/4"
_	* Se	ee the "Engine	eering Guide	" for additional v	oltages, vari	ations and op	otions.	

Coil F	amily	Frequency (Hz)	Frequency (Hz)						
Type ALL	Size S4	Nominal Power (VA)	Inrush	46	46				
			Holding	22	25				

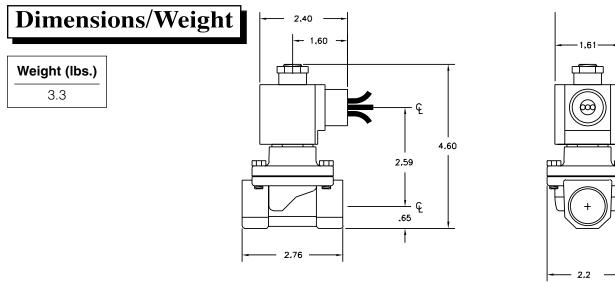


- 3/4" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 3/4"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	UL Listed, UL Recognized, CSA Approved

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S212 – 3/4" NPT, Stainless Steel Body, Type 316, Normally Open

Valv	e Se	lec	tic	n	Li	st										
Normally Open						\wedge			 P	Energ	gized		De-Energized			
Pipe Size	Orifice Size)perat	ting F Gas	N	ure E Maxir ater	num	ential nt Oil			Max Fluid Temp.	Seal Material		wer mption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
L NPT	O IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC		Seal N	AC	DC	Stainless Steel Body Type 316
	3/4	6.7	3	200	140	200	125	—	—	—	—	295	EPR	11	10	S212GF02E7EG5
0/4	3/4	6.7	3	3 200 140 200 125 200 125		125	—		180	Nitrile	11	10	S212GF02J7EG5			
3/4	3/4 6.7 3 200 140 200 125 200 125		—	—	230	Viton	11	10	S212GF02L7EG5							
	3/4	6.7	3	-					—	50*	50*	295	EPR	11	10	S212GH02E7EG5

* 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	1	2	G	F	02	Ε	7	Ε	G 5
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21		2: Normally Open * Se		F: Class F H: Class H eering Guide	02: 120/60 110/50 " for additional v	E: EPR J: Nitrile L: Viton oltages, vari	7: 316 SS ations and op	E: 3/4" NPT	G5: 3/4"

	Coil F	amily	Frequency (Hz)		60	50
_	Туре	Size		Inrush	46	46
	ALL	S4	Nominal Power (VA)		40	40
	I			Holding	22	25



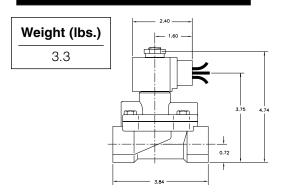


- High Performance
- 3/4" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Open

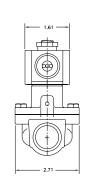


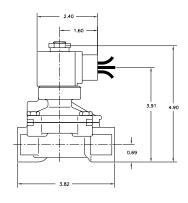
Materials	Seals:	Viton [®] , Teflon [®]
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 3/4"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
Optional Housings:		Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 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:	UL Listed, UL Recognized, CSA Approved

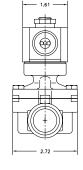
Dimensions/Weight



Body Code 4







Body Code 2

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S211 – High Performance, 3/4" NPT, Brass Body, Normally Open

Valv	e Se	eleo	ctio	n	Li	st													
Normally	Normally Closed										P	Energi				De-E		ed	
Pipe Size	Orifice Size						num		al (ps Ste		Max Fluid Temp.	Seal Material	Consu	wer umption atts)	Model Code (120V/60HZ — 110V/50 Shown		110V/50) DHZ	
NPT	IN	Cv	Mini	AC	DC	AC	DC	AC	DC	AC	DC	°F	Sea	AC	DC		Brass E	Body	
	3/4	6.1	1	150	140	150	140	150	140		_	230	Viton	8	9		S212GF02		
3/4	3/4 3/4	6.1 7.0	1	<u> </u>		_	_	<u> </u>		100* 150*		338 366	Teflon Teflon	8 8	9 9		S212GH02 S212GH02		
Pa	rt N	un	nb	eri	ng														
1 S	2 3 2 1		4 2	_		₅ G		F	6		7 0	°		• (10 4		11 E	12 G	¹³
Se	eries	0	Dpera Mod		Но	using	I* C	Coil C	lass	*	Volt	age*	Se Mate		Body Mater		Pipe Connection	Orific	e Size
S	S21 2		Mode Housing 2: Normally G: Condu Open							20/60 10/50	K: Vi T: Te	ton	4: Forg Bras 2: Bras	ed s	E: 3/4" NPT	G5: 3	/4"		
	* S					"Enç	ginee	ring	Guid	le" fo	or add	ditiona	l voltages	s, varia	ations ar	nd op	otions.		

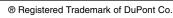
	Coil F	amily	Frequency (Hz)	Frequency (Hz)							
_	Туре	Size									
	All	S3	Nominal Power (VA)	Inrush	36	36					
				Holding	18	19					

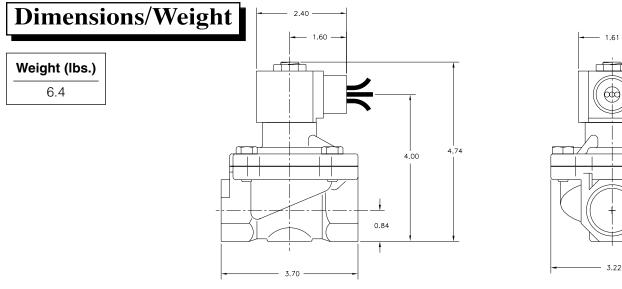


- 1" NPT
- Brass Body
- 2-Way Piloted
- Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Brass Ø 1"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	Vertical and Upright
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved





For ordering information, visit mountaincontrols.com.



Valv Normall	y Close		ctio)n		st	Ц Ц Ц П Р		V			P	Energ]→	De-Energized
Pipe Size	Orifice Size)pera Air/			ure E Maxir ater	num	ential t Oil			Max Fluid Temp.	Seal Material	Pov Consu (Wa	mption	Model Code (120V/60HZ — 110V/50HZ Shown)
∟ NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal I	AC	DC	Brass Body
	1	13	5	200	150	150	150	—	—	—	—	295	EPR	8	9	S211GF02C5FG9
1	1	13	5	200	150	150	150	100	100	-	_	180	Nitrile	8	9	S211GF02N5FG9
I	1	13	5	200	150	150	150	100	100	—	—	230	Viton	8	9	S211GF02V5FG9
	1	13	5	—	—	-	—	—	—	50*	50*	295	EPR	8	9	S211GH02C5FG9
* Class H Coil Recommended for Steam and Other High Temperature Applications Part Numbering																
1 S	² 3 2 1		4 1			₅ G	-	e F	; -		7 0	⁸		∍)	¹⁰	

521		G	┣╸	02	C	5		G 9
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	1: Normally Closed	G: Conduit	F: Class F H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton	5: Brass	F: 1" NPT	G9: 1"
	* Se							

Coil F	amily	Frequency (Hz)		60	50
Type ALL	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	13	14

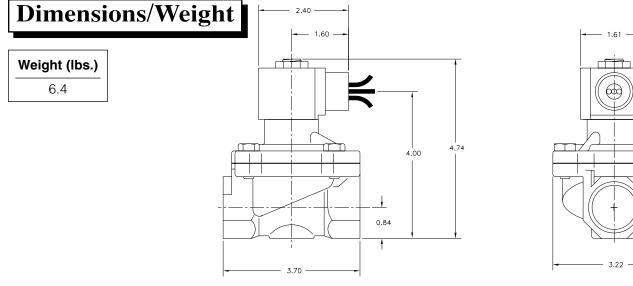


- 1" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	Vertical and Upright
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved







S211 – 1" NPT, Stainless Steel Body Type 316, Normally Closed

Valve Selection List Energized **De-Energized** Normally Closed Ρ Р P Operating Pressure Differential (psi) Model Code Size Max Fluid Temp. Power Maximum Pipe Size Seal Material Consumption 120V/60HZ — 110V/50HZ Orifice { (Watts) Air/Gas Water Light Oil Steam* Shown Minimum Stainless Steel Body DC AC DC AC DC AC DC AC AC DC Cv °F NPT Type 316 IN 295 EPR S211GF02E7FG9 1 13 5 200 150 150 150 8 9 _ 1 13 5 200 150 150 150 100 100 180 Nitrile 8 9 S211GF02J7FG9 1 1 200 150 100 230 9 S211GF02L7FG9 13 5 150 150 100 Viton 8 1 13 5 50* 50* 295 EPR 8 9 S211GH02E7FG9

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

Part Nu	mberi	ng						
1 2 3 S 2 1	4 Deperating	5 G Housing*	6 F Coil Class*	7 8 0 2 Voltage*	9 E Seal	10 7 Body	11 F Pipe	12 13 G 9 Orifice Size
Series S21	Mode 1: Normally Closed	Ĵ	F: Class F H: Class H	02: 120/60	Material E: EPR J: Nitrile L: Viton	Material 7: 316 SS	Connection F: 1" NPT	G9: 1"
	* Se	e the "Engine	eering Guide	" for additional v	oltages, vari	ations and op	otions.	

Coil F	amily	Frequency (Hz)		60	50
Type ALL	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	13	14

S21 Series



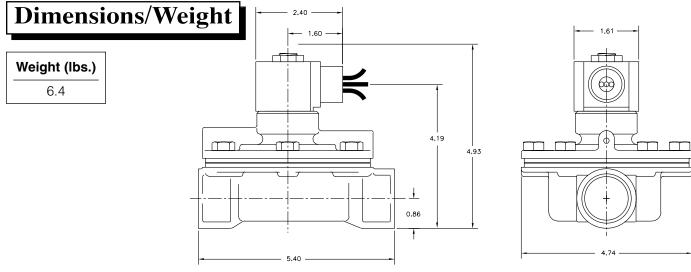
- High Performance
- 1" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile [®] , Teflon [®]
	Orifice:	Pilot Main	Stainless Steel Brass Ø 1" - #4 Body; Stainless Steel Ø 1" - #2" Body
Electrical	Standard Hou	ising:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hous	sings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Volt	ages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolera	ance:	±10% of applicable voltage
	Coil Classes:		F, H, N
	Standard Lea	d Length:	24 inch
Operating Temperature	Ambient (Non	ninal):	32°F to 125°F
Mounting	Position:		±15° From Vertical
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

* Not available for all variations





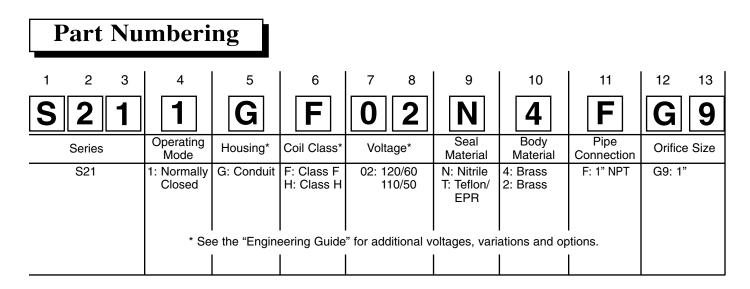


S211 – High Performance, 1" NPT, Brass Body, Normally Closed

Valve Selection List

Normall														De-Energized		
Pipe Size	Orifice Size				ting F Gas		Лахіг	Differe num Ligh				Max Fluid Temp.	Seal Material	Consu	wer mption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
≏. NPT	0 IN	cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal N	AC	DC	Brass Body
- 1	1	13	10	250	150	250	150	250	150	—	—	180	Nitrile	8	9	S211GF02N4FG9
	1	13	10	0 — —		_	_			150*			Teflon	8	9	S211GH02T2FG9

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



Coil I	amily	Frequency (Hz)	Frequency (Hz)							
Туре	Size			36						
All	S3	Nominal Power (VA)	Inrush		36					
			Holding	13	14					



- High Performance
- 1" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



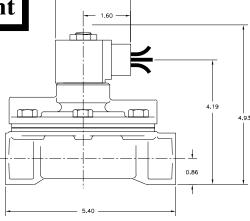
Seals:	Nitrile, Teflon [®]
Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1"
Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
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
Ambient (Nominal):	32°F to 125°F
Position:	±15° From Vertical
Agency:	UL Listed, UL Recognized, CSA Approved
	Orifice: Pilot Main Standard Housing: Optional Housings: Optional Housings: Standard Voltages: Standard Voltages: Voltage Tolerance: Coil Classes: Standard Lead Length: Ambient (Nominal): Example Tolerance:

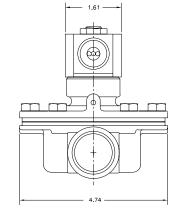
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* Not available for all variations

Dimensions/Weight

Weight (lbs.)







S211 – High Performance, 1" NPT, Stainless Steel Body-Type 316, Normally Closed

Valve Selection List

Normall	Normally Closed													gized	∃→		De-E	nergize	ed
e	Operating Pressure Differen)	np.	_	-	wer	,	Model C		,
Pipe Size	Orifice Size		ш	Air/	Gas		ater	Ligh	t Oil	Stea	am*	Max Fluid Temp.	Seal Material		umption atts)	(120V/60HZ — Show		^{HZ})
L NPT	NPT IN C _V $\stackrel{:}{\stackrel{:}{\stackrel{:}{\stackrel{:}{\stackrel{:}{\stackrel{:}{\stackrel{:}{\stackrel{:}$										DC	°F	Seal N	AC	DC		Stainless St Type 3		/
	1 13 10 250 150 250 150 250 150										—	180	Nitrile	8	9	S211GF02N1FG9			
1	1 1 13 10 150*												Teflon	8	9	S211GH02T1FG9			
Pa	rt Ni	um	ıbe	eri	ng														
1	2 3		4			5		6	5		7	8		9	10)	11	12	13
S	2 1		1			G		F	•)	2] [Ν	1		F	G	9
Se	Series Operating Housing* Coil Class*									Volta	ige*		eal terial	Bod Mate		Pipe Connection	Orifice	e Size	
S	S21 1: Noi Clo			nally	G: (Condu		: Cla: I: Cla				20/60 0/50	N: N T: Te	Nitrile eflon/ PR	1: Stair Stee	nless	F: 1" NPT	G9: 1	13
		* Se	e the	"Enç	ginee	ering (Guide	e" for	add	itiona	l voltage	es, vari	ations a	nd op	otions.				

Coil	Family	Frequency (Hz)	Frequency (Hz)							
Type All	Size S3	Nominal Power (VA)	Inrush	36	36					
			Holding	13	14					



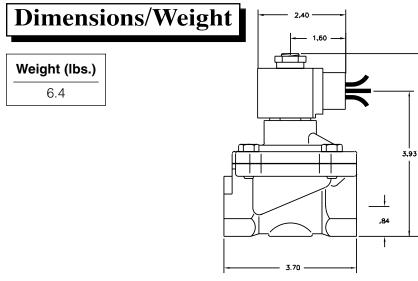
- 1" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Open

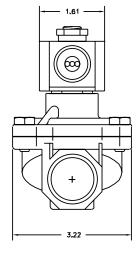


Seals:	Nitrile, Viton [®] , Ethylene Propylene					
Orifice: Pilot Main	Stainless Steel Brass Ø 1"					
Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
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					
Ambient (Nominal):	32°F to 125°F					
Position:	Vertical and Upright					
Agency:	UL Listed, UL Recognized, CSA Approved					
	Orifice: Pilot Main Standard Housing: Optional Housings: Optional Housings: Standard Voltages: Standard Voltages: Standard Voltages: Voltage Tolerance: Coil Classes: Standard Lead Length: Ambient (Nominal): Position: Image Tolerance:					



5,02





For ordering information, visit mountaincontrols.com.



Valv	ve Se	lec	etio	n	Li	st										
Normall	y Open	_											Ener	gized		De-Energized
							P	*	~			 P				
Pipe Size	Size e Size				Derating Pressure Differential Maximum							Max Fluid Temp.	erial	Consu	wer Imption	Model Code (120V/60HZ — 110V/50HZ)
Pipe	Orifice		Minimum	Alr/	Gas	VVa	ater	Lign		Steam*		Fluid	Mat	(Watts)		Shown /
NPT	IN	Cv	Minir	AC	DC	AC	DC	AC	DC	AC	DC		Seal Material	AC	DC	Brass Body
	1	13	5	200	140	150	140	—	—	—	—	295	EPR	9	9	S212GF02C5FG9
1	1	13	5	200	140	150	140	100	100	—	—	180	Nitrile	9	9	S212GF02N5FG9
I	1	13	5	200	140	150	140	100	100	—	—	230	Viton	9	9	S212GF02V5FG9
	1 13 5 — — — — — –							—	50*	50*	295	EPR	9	9	S212GH02C5FG9	

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

P	Part Numbering														
1	2	3	4	5	6	7	8	9	10	11	12 13				
S	2	1	2	G	F	0	2	С	5	F	G 9				
	Series		Operating Mode	Housing*	Coil Class*	Voltage*		Seal Material	Body Material	Pipe Connection	Orifice Size				
S21			2: Normally Open	G: Conduit	F: Class F H: Class H	02: 120/60 110/50		C: EPR N: Nitrile V: Viton	5: Brass	F: 1" NPT	G9: 1"				
	* See the "Engineering Guide" for additional voltages, variations and options.														

	Coil Family		Frequency (Hz)	Frequency (Hz)							
_	Type ALL	Size S3	Nominal Power (VA)	Inrush	36	36					
				Holding	18	22					



- 1" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open



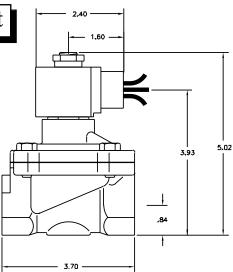
Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene					
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1"					
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
	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:	Vertical and Upright					
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved					

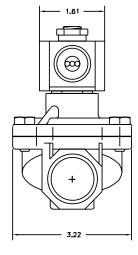
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* Not available for all variations

Dimensions/Weight

Weight (lbs.)







Valve Selection List Energized **De-Energized** Normally Open Ρ Р Ρ Operating Pressure Differential (psi) Model Code Size Max Fluid Temp. Power Maximum Pipe Size Consumption Seal Material 120V/60HZ — 110V/50HZ Orifice (Watts) Air/Gas Water Light Oil Steam* Shown Minimum Stainless Steel Body DC AC DC AC DC AC DC AC AC DC Cv °F Type 316 NPT IN 295 EPR S212GF02E7FG9 1 13 5 200 150 150 150 9 9 ____ 1 13 5 200 150 150 150 85 85 180 Nitrile 9 9 S212GF02J7FG9 1 1 200 9 9 13 5 150 150 150 85 85 230 Viton S212GF02L7FG9 1 13 5 50* 50* 295 EPR 9 9 S212GH02E7FG9 * 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	1	2	2 G F		02	E	7	F	G 9
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21		2: Normally Open	G: Conduit	F: Class F H: Class H	02: 120/60 110/50	E: EPR J: Nitrile L: Viton	7: 316 SS	F: 1" NPT	G9: 1"
	* See				eering Guide	" for additional \	oltages, vari	ations and op	otions.	

Coil I	amily	Frequency (Hz)		60	50
Type ALL	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	18	19



- High Performance
- 1" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open



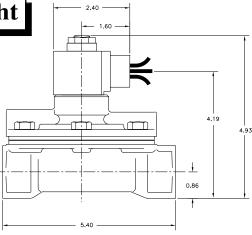
Materials	Seals:	Nitrile, Teflon [®]
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	±15° From Vertical
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

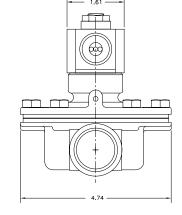
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* Not available for all variations

Dimensions/Weight

Weight (lbs.)







S212 – High Performance, 1" NPT, Stainless Steel Body-Type 316, Normally Open

Valve Selection List

Normally Open									\wedge					gized			De-E		∃→	
Pipe Size	Orifice Size						ssure Differe Maximum Vater Light							Seal Material	Consu	wer Imption atts)	Model Code (120V/60HZ — 110V/50HZ Shown			^z)
а NPT	NPT IN C _V $\stackrel{\text{in constraints}}{\cong}$ AC DC AC DC AC										DC	°F	Seal N	AC	DC		Stainless St Type 3			
1												230 366	Nitrile Teflon	8 8	9 9	S212GF02N1FG9 S212GH02T1FG9				
Pa	rt N	um	nbe	eri	ng															
S	² 3 2 1		4 2			⁵ G		6 F	•		7)	⁸		9 N eal	10 1 Bod		11 F Pipe	12 G	¹³	
	Series Opera Mod S21 2: Norr Ope					using Condi	uit F	Coil C : Cla: I: Cla	ss F	0		age* 20/60 0/50	Mat N: N T: Te	litrile eflon/ PR	Mater 1: Stair Stee	ial Iess	F: 1" NPT	Orifice G9: 1"	Size	
						"Enç	ginee	ering (Guide	e" for	add	itional	voltage	es, vari	ations ai	nd op	otions.			

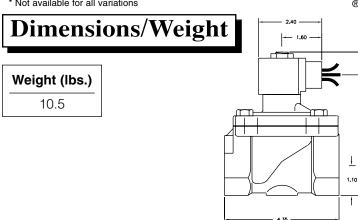
Coil	Family	Frequency (Hz)	Frequency (Hz)						
Type All	Size S3	Nominal Power (VA)	Inrush	36	36				
			Holding	18	22				



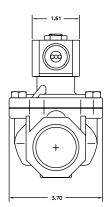
- 1 1/4" NPT
- Brass Body
- 2-Way Piloted
- Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene				
	Orifice: Pilot Main	Stainless Steel Brass Ø 11/4"				
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)				
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.				
	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:	Vertical and Upright				
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved				



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Valv	ve Se	lec	etio	on	Li	st										
Normally Closed									\checkmark				Energ		₽	De-Energized
Pipe Size	Orifice Size				ting F Gas	N	sure E Maxir ater	num			eam*		Seal Material	Consu	wer mption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
E NPT	O IN	cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	₽	Seal N	AC	DC	Brass Body
	1 1/4	19	5	200	150	150	150	—	—	—	—	295	EPR	8	9	S211GF02C5GJ2
1 1/4	1 1/4	19	5	200	150	150	150	100	100	—		180	Nitrile	8	9	S211GF02N5GJ2
1 1/4	1 1/4	19	5	200	150	150	150	100	100	-	—	230	Viton	8	9	S211GF02V5GJ2
	1 1/4	19	5	—	—	—	—	—	—	50*	50*	295	EPR	8	9	S211GH02C5GJ2

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

Part Nu	mberi	ng								
1 2 3 S 2 1	4 1	₅	6 F	7 0	⁸	° C	¹⁰	G	12 1 J	¹³
Series	Operating Mode	Housing*	Coil Class*	Volta	ge*	Seal Material	Body Material	Pipe Connection	Orifice Si	ize
S21	1: Normally Closed		H: Class H		0/50	C: EPR N: Nitrile V: Viton	5: Brass	G: 1 1/4" NPT	J2: 1 1/4"	
	* Se	e the "Engine	eering Guide	" for addi	tional v	oltages, vari 	ations and op	otions.		

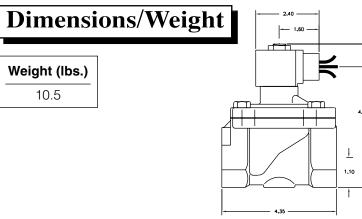
Coil F	amily	Frequency (Hz)		60	50
 Type ALL	Size S3	- Nominal Power (VA)	Inrush	36	36
ALL			Holding	13	14



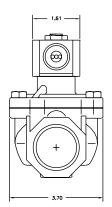
- 1 1/4" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



Seals:	Nitrile, Viton [®] , Ethylene Propylene				
Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 11/4"				
Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)				
Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.				
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				
Ambient (Nominal):	32°F to 125°F				
Position:	Vertical and Upright				
Agency:	UL Listed, UL Recognized, CSA Approved				
	Orifice: Pilot Main Standard Housing: Optional Housings: Optional Housings: Standard Voltages: Standard Voltages: Standard Voltages: Voltage Tolerance: Coil Classes: Standard Lead Length: Ambient (Nominal):				



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Valve Selection List

S211 – 1 1/4" NPT, Stainless Steel Body, Type 316, Normally Closed

Energized **De-Energized** Normally Closed Ρ Ρ P Operating Pressure Differential (psi) Model Code Size Max Fluid Temp. Power Maximum Pipe Size Seal Material Consumption 120V/60HZ — 110V/50HZ Orifice ((Watts) Air/Gas Water Light Oil Steam* Shown Minimum Stainless Steel Body DC AC DC AC DC AC DC AC AC DC Cv °F NPT IN Type 316 1 1/4 295 EPR S211GF02E7GJ2 10 200 150 150 150 8 9 19 ____ 1 1/4 19 5 200 150 150 150 85 85 180 Nitrile 8 9 S211GF02J7GJ2 1 1/4 1 1/4 200 150 Viton 9 S211GF02L7GJ2 19 10 150 150 85 85 230 8 1 1/4 19 5 50* 50* 295 EPR 8 9 S211GH02E7GJ2

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

Part Nu	mberi	ng						
1 2 3 S 2 1	4 1	5 G	6 F	7 8 0 2	9 E	10 7	11 G	12 13
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	1: Normally Closed		H: Class H	02: 120/60 110/50	E: EPR J: Nitrile L: Viton	7: 316 SS	G: 1 1/4" NPT	J2: 1 1/4"
	* Se	e the "Engine	eering Guide	" for additional v	oltages, vari	ations and op	otions.	

	Coil F	amily	Frequency (Hz)		60	50
_	Type ALL	Size S3	Nominal Power (VA)	Inrush	36	36
				Holding	13	14



- High Performance
- 1 1/4" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



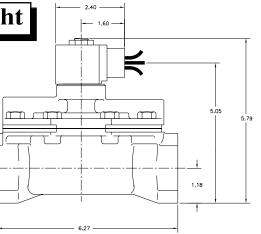
Materials	Seals:		Nitrile [®] , Teflon [®]
	Orifice:	Pilot Main	Stainless Steel Brass Ø 1 1/2" - #4 Body; Stainless Steel Ø 1 1/2" - #2" Body
Electrical	Standard Ho	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	usings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Vo	ltages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tole	rance:	±10% of applicable voltage
	Coil Classes	:	F, H, N
	Standard Lea	ad Length:	24 inch
Operating Temperature	Ambient (No	minal):	32°F to 125°F
Mounting	Position:		±15° From Vertical
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

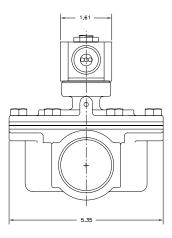
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* Not available for all variations



Weight (lbs.) 10.5







S211 – High Performance, 1 1/4" NPT, Brass Body, Normally Closed

Valve Selection List

Normall	y Close	d			7		L T P		∕					gized	⋺	De-Energized
Pipe Size	Size e Size		Dperating Pressure Differential Maximum Air/Gas Water Light Oil) am*	Max Fluid Temp.	Seal Material	Consu	wer Imption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)		
					DC	AC	DC	AC	DC	AC	DC	°F	Seal N	AC	DC	Brass Body
1 1/4	1 1/2 22 10				150	250	150	250	150	_	—	180	Nitrile	8	9	S211GF02N4GJ5
1 1/4	1 1/2	22	10	—	_		_	_	_	150*	150*	366	Teflon	8	9	S211GH02T2GJ5
						* C	lass	H Co	oil R	econ	nmei	nded	for Stea	am and	l Other	High Temperature Applications

Part Nu	mberi	ng							
1 2 3 S 2 1	4	∫ 5 G	⁶	7 0	8 2	9 N	10 4	11 G	12 13
Series	Operating Mode	Housing*	Coil Class*	Voltage	*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	1: Normally Closed	G: Conduit	F: Class F H: Class H	02: 120/0 110/5			4: Brass 2: Brass	G: 1 1/4" NPT	J5: 1 1/2"
	* Se	e the "Engine	eering Guide	" for additio	nal v	oltages, vari	ations and op	otions.	

	Coil F	amily	Frequency (Hz)		60	50
Тур	be	Size				
All		S3	Nominal Power (VA)	Inrush	36	36
				Holding	13	14



- High Performance
- 1 1/4" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



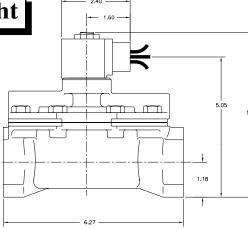
Materials	Seals:	Nitrile, Teflon [®]						
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1 1/2"						
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)						
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.						
	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:	±15° From Vertical						
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved						

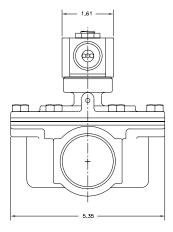
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* Not available for all variations

Dimensions/Weight

Weight (lbs.)







S211 – High Performance, 1 1/4" NPT, Stainless Steel Body-Type 316, Normally Closed

Valve Selection List Energized **De-Energized** Normally Closed Ρ Operating Pressure Differential (psi) Size Model Code Max Fluid Temp. Power Size Maximum Consumption Seal Material 120V/60HZ - 110V/50HZ Orifice (Watts) Pipe (Air/Gas Water Light Oil Steam* Shown Minimum Stainless Steel Body AC DC AC DC AC DC AC DC AC DC Cv Type 316 NPT °F IN 180 Nitrile S211GF02N1GJ5 1 1/2 22 10 250 150 250 150 250 150 8 9 1 1/4 1 1/2 22 10 150* 150* 366 Teflon 8 9 S211GH02T1GJ5 * Class H Coil Recommended for Steam and Other High Temperature Applications **Part Numbering** 1 2 З 4 5 6 8 9 10 11 12 13 5 G 2 Ν 5 Body Pipe Operating Seal Orifice Size Housing* Coil Class' Voltage* Series Mode Material Material Connection S21 F: Class F N: Nitrile G: 1 1/4" NPT J5: 1 1/2" 1: Normally G: Conduit 02: 120/60 Stainless T: Teflon/ Closed H: Class H 110/50 Steel EPR * See the "Engineering Guide" for additional voltages, variations and options.

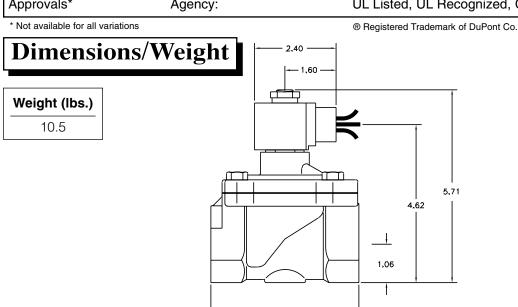
Coil F	amily	Frequency (Hz)		60	50
Type All	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	13	14



- 1 1/4" NPT
- Brass Body
- 2-Way Piloted
- Diaphragm - Normally Open



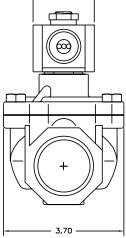
Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene					
	Orifice: Pilot Main	Stainless Steel Brass Ø 11/4"					
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
	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:	Vertical and Upright					
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved					



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Normally Open						L T	P	<u>`</u> \	^			 P	Enerç			De-Energized
Pipe Size	Orifice Size			Operating Pressure Differe Maximum Air/Gas Water Light							Max Fluid Temp.	Seal Material	Consu	wer mption atts)	Model Code (120V/60HZ — 110V/50HZ Shown	
а NPT	Ō IN	cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC		Seal N	AC	DC	Brass Body
	1 1/4	19	5	200	140	140	140	—	—	—	—	295	EPR	9	9	S212GF02C5GJ2
1 1/4	1 1/4	19	5	200	140	140	140	85	85	—	—	180	Nitrile	9	9	S212GF02N5GJ2
1 1/4	1 1/4	19	5	200	140	140	140	85	85	—	—	230	Viton	9	9	S212GF02V5GJ2
	1 1/4	19	5	—	_	—		—		50*	50*	295	EPR	9	9	S212GH02C5GJ2
Pa	rt N	un	ıbo	eri	ng		Class	s H C	oil F	Reco	omm	endec	I for Ste	eam an	d Othe	r High Temperature Applicatio

1 2 3	4			/ 0	9	10	11	12 13
S 2 1	2	G	F	02	С	5	G	J 2
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	2: Normally G: Conduit F: Class		F: Class F H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton	5: Brass	G: 1 1/4" NPT	J2: 1 1/4"
	* See the "Engineerir		eering Guide	" for additional v	oltages, vari	ations and op	otions.	

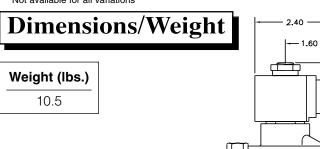
	Coil F	amily	Frequency (Hz)		60	50
T	уре	Size				
A	LL	S3	Nominal Power (VA)	Inrush	36	36
				Holding	18	22



- 1 1/4" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open



Materials	Seals:		Nitrile, Viton [®] , Ethylene Propylene					
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 11/4"					
Electrical	Standard Ho	ousing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Hot	usings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
	Standard Vo	Itages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.					
	Voltage Tole	rance:	±10% of applicable voltage					
	Coil Classes	:	F, H, N					
	Standard Le	ad Length:	24 inch					
Operating Temperature	Ambient (No	ominal):	32°F to 125°F					
Mounting	Position:		Vertical and Upright					
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved					



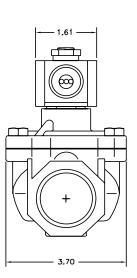
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S212 – 1 1/4" NPT, Stainless Steel Body, Type 316, Normally Open

Valve Selection List

Normall	y Open									P	Energized			De-Energized		
Pipe Size	Orifice Size				ting F Gas	1	ressure Differential Maximum Water Light Oil				(psi) Steam*		Seal Material		wer mption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
L NPT	0 IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	ு Max ப் Fluid Temp.	Seal N	AC	DC	Stainless Steel Body Type 316
	1 1/4	19	5	200	150	150	150	85	85	—	—	295	EPR	9	9	S212GF02E7GJ2
1 1/4	1 1/4	19	5	200	150	150	150	85	85	—	—	180	Nitrile	9	9	S212GF02J7GJ2
1 1/4	1 1/4	19	5	200	150	150	150	85	85	—	—	230	Viton	9	9	S212GF02L7GJ2
	1 1/4	19									50*	295	EPR	9	9	S212GH02E7GJ2

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

Part Nu	mberi	ng										
1 2 3	4	5	6	7 8	11	12 13						
S 2 1	2	G	F	02	Ε	7	G	J 2				
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size				
S21	2: Normally G: Conduit Open		F: Class F H: Class H	02: 120/60 110/50	E: EPR J: Nitrile L: Viton	7: 316 SS	G: 1 1/4" NPT	J2: 1 1/4"				
	* Se	e the "Engine	eering Guide	" for additional v	oltages, vari	ations and op	otions.					

	Coil F	amily	Frequency (Hz)		60	50
_	Type ALL	Size S3	Nominal Power (VA)	Inrush	36	36
				Holding	18	19



- High Performance
- 1 1/4" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Open



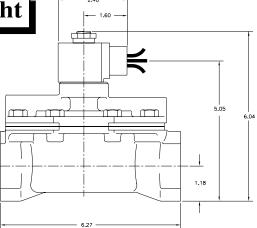
Seals:		Nitrile, Teflon [®]						
Orifice:	Pilot Main	Stainless Steel Brass Ø 1 1/2" - #4 Body; Stainless Steel Ø 1 1/2" - #2 Body						
Standard Ho	ousing:	Encapsulated Waterproof Conduit (NEMA 4/4X)						
Optional Ho	usings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.						
Standard Vo	Itages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.						
Voltage Tole	rance:	±10% of applicable voltage						
Coil Classes	:	F, H, N						
Standard Le	ad Length:	24 inch						
Ambient (No	minal):	32°F to 125°F						
Position:		±15° From Vertical						
Agency:		UL Listed, UL Recognized, CSA Approved						
	Standard Ho Optional Ho Standard Vo Voltage Tole Coil Classes Standard Le Ambient (No Position:	Main Standard Housing: Optional Housings: Standard Voltages: Voltage Tolerance: Coil Classes: Standard Lead Length: Ambient (Nominal): Position:						

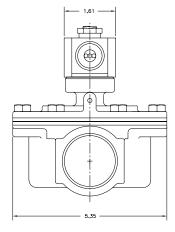
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* Not available for all variations

Dimensions/Weight

Weight (lbs.) 10.5







Valve Selection List

S211 – High Performance, 1 1/4" NPT, Brass Body, Normally Open

Normall	y Open	-			7	T	- /		^					gized			De-E		¦d ⊒→
ze	Size		С	pera	ting F			Differe num	ential	l (psi))	k emp.	al		wer Imption	/	Model C 120V/60HZ —		
Pipe Size	Orifice		mn	Air/	Gas	Wa	iter	Ligh	t Oil	Stea	am*	Max Fluid Temp.	Seal Material		atts)	(Show		"∠)
NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	۴	Seal	AC	DC		Brass B	lody	
1 1/4	1 1/2	22	10	200	140	200	140	200	140	—		180	Nitrile	8	9		S212GF02	N4GJ5	
1 1/4	1 1/2 22 10 - - - - - - 100* 100												Teflon	8	9	S212GH02T2GJ5 er High Temperature Application			
Pa	rt Nu	un	ıbo	eri	ng														
1	2 3		4			5		6	5		7	8		9	10)	11	12	13
S	2 1		2)		G		F	•)	2][[Ν	4	1	G	J	5
Se	eries	С	pera) Mod		Но	using	* 0	Coil C	lass*		Volta	ige*	-	Seal Iterial	Bod Mate		Pipe Connection	Orifice	e Size
S	2: Normally G: Conduit F: Open H:						∹: Cla I: Cla				20/60 0/50	T: T	Nitrile eflon/ PR	4: Forç Bras 2: Bras	s	G: 1 1/4" NPT	J5: 1 ⁻	1/2"	
			* See the "Engineering Guide" for additional voltages, variations and options.																

Coil Family		Frequency (Hz)		60	50
Type All	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	18	22



- High Performance
- 1 1/4" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open

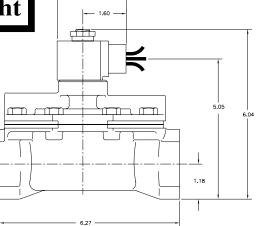


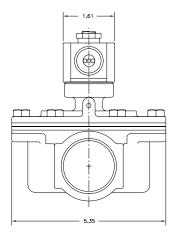
Materials	Seals:	Nitrile, Teflon [®]
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1 1/2"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	±15° From Vertical
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight

Weight (lbs.) 10.5







S212 – High Performance, 1 1/4" NPT, Stainless Steel Body-Type 316, Normally Open

Valve Selection List Energized **De-Energized** Normally Open Ρ Р P Operating Pressure Differential (psi) Model Code Size Max Fluid Temp. Power Size Maximum Consumption Material 120V/60HZ — 110V/50HZ Orifice (Watts) Pipe (Air/Gas Light Oil Water Steam* Shown Minimum Stainless Steel Body Seal AC DC AC DC AC DC AC DC AC DC Cv °F Type 316 NPT IN 1 1/2 200 140 200 140 180 Nitrile S212GF02N1GJ5 22 10 200 140 8 9 1 1/4 1 1/2 100* 22 10 100 366 Teflon 8 9 S212GH02T1GJ5 * Class H Coil Recommended for Steam and Other High Temperature Applications **Part Numbering** 1 2 З 4 5 6 8 9 10 11 12 13 2 5 2 G Ν U 5 Operating Body Pipe Seal Orifice Size Housing* Coil Class' Voltage* Series Mode Material Material Connection S21 F: Class F 02: 120/60 N: Nitrile G: 1 1/4" NPT J5: 1 1/2" 2: Normally G: Conduit Stainless Open H: Class H 110/50 T: Teflon/ Steel EPR * See the "Engineering Guide" for additional voltages, variations and options.

Coil Family		Frequency (Hz)	Frequency (Hz)						
Type All	Size S3	Nominal Power (VA)	Inrush	36	36				
			Holding	18	22				



- 1 1/2" NPT
- Brass Body
- 2-Way Piloted
- Diaphragm
- Normally Closed

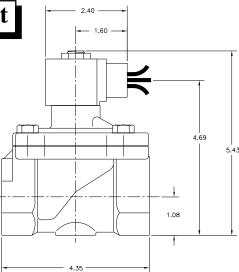


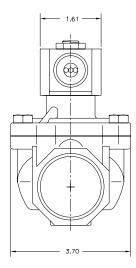
Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Brass Ø 11/4"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	Vertical and Upright
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved
pprovals*	Agency:	UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight

Weight (lbs.) 10.5





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Valv	ve Se	lec	etio	n	Li	st										
Normally Closed												De-Energized				
Pipe Size	Orifice Size			Operating Pressure Differential Maximum E Air/Gas Water Light Oil				Max Fluid Temp.	Seal Material	Consu	wer mption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)				
L NPT	O IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC		Seal N	AC	DC	Brass Body
	1 1/4	25	5	200	150	150	150	—	—	—	—	295	EPR	8	9	S211GF02C5HJ2
1 1/0	1 1/4	25	5	200	150	150	150	85	85	—	—	180	Nitrile	8	9	S211GF02N5HJ2
1 1/2	1 1/4	25	5	200	150	150	150	85	85	—	—	230	Viton	8	9	S211GF02V5HJ2
	1 1/4	25	5	—	—	—	—	—	—	50*	50*	295	EPR	8	9	S211GH02C5HJ2

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

Part Nu	mberi	ng											
1 2 3	4	5	6	78	9	10	11	12 13					
S 2 1	1	G	F	02	С	5	Η	J 2					
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size					
		G: Conduit	F: Class F H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton	5: Brass	H: 1 1/2" NPT	J2: 1 1/4"					
	* Se	* See the "Engineering Guide" for additional voltages, variations and options.											

Coil	Family	Frequency (Hz)	Frequency (Hz)						
Туре	Size			36					
ALL	S3	Nominal Power (VA)	Inrush		36				
			Holding	13	14				



- 1 1/2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed

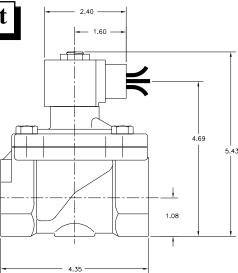


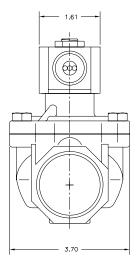
Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 11/4"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	Vertical and Upright
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight

Weight (lbs.)





For ordering information, visit mountaincontrols.com.



Valve Selection List

S211 – 1 1/2" NPT, Stainless Steel Body, Type 316, Normally Closed

Energized **De-Energized** Normally Closed Ρ Р P Operating Pressure Differential (psi) Model Code Size Max Fluid Temp. Power Maximum Pipe Size Seal Material Consumption 120V/60HZ — 110V/50HZ Orifice (Watts) Air/Gas Water Light Oil Steam* Shown Minimum Stainless Steel Body DC AC DC AC DC AC DC AC AC DC Cv °F NPT Type 316 IN 1 1/4 295 EPR S211GF02E7HJ2 25 5 200 150 150 150 8 9 ____ 1 1/4 25 5 200 150 150 150 85 85 180 Nitrile 8 9 S211GF02J7HJ2 1 1/2 1 1/4 200 150 230 9 S211GF02L7HJ2 25 5 150 150 85 85 Viton 8 1 1/4 25 5 50* 50* 295 EPR 8 9 S211GH02E7HJ2

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

Part Nu	mberi	ng						
	4	5	6		9	10		12 13
Series	Operating Mode	Housing*	Coil Class*	02 Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	1: Normally Closed	G: Conduit	F: Class F H: Class H	02: 120/60 110/50	E: EPR J: Nitrile L: Viton	7: 316 SS	H: 1 1/2" NPT	J2: 1 1/4"
	* Se	e the "Engine	eering Guide	" for additional v	I voltages, vari	I ations and op	i ptions.	

Coil F	amily	Frequency (Hz)	Frequency (Hz)						
 Туре	Size			36					
ALL	S3	Nominal Power (VA)	Inrush		36				
			Holding	13	14				



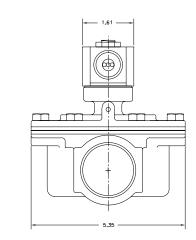
- High Performance
- 1 1/2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



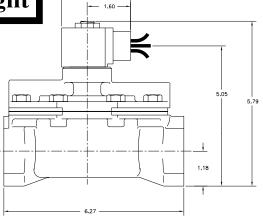
Materials	Seals:	Nitrile [®] , Teflon [®]
	Orifice: Pilot Main	Stainless Steel Brass Ø 1 1/2" - #4 Body; Stainless Steel Ø 1 1/2" - #2" Body
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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 Leng	th: 24 inch
Operating Temperature	Ambient (Nominal):	32°F to 125°F
Mounting	Position:	±15° From Vertical
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved



® Registered Trademark of DuPont Co.



Weight (lbs.) 10.5





S211 – High Performance, 1 1/2" NPT, Brass Body, Normally Closed

Valv	ve Se	leo	ctio	on	Li	st													
Normall	y Close	d			7	1	L T P		V						∃→		De-E	inergizo	ed
Pipe Size	Orifice Size		Minimum)pera Air/			Maxir	Differe mum Ligh	ential t Oil			Max Fluid Temp.	Seal Material	Consu	ower umption /atts)	(Model (120V/60HZ — Shov	110V/50	DHZ)
NPT	IN	Cv	Mini	AC	DC	AC	DC	AC	DC	AC	DC	°F	Sea	AC	DC		Brass Body		
1 1/2	1 1/2 1 1/2	28 28	10 10	250 —	150 —	250 —	150 —	250 —		— 150*	— 150*	180 366	Nitrile Teflon	8 8	9 9		S211GF02N4HJ5 S211GH02T2HJ5		
Pa	rt N	un	nbo	eri	ng														
	2 3 2 1		4			₅ G		e			7	8 2		9 N	10 4		11 H	12	¹³
Series Operating Mode Housing* Coil Class						 lass*		Volta	-		eal terial	Bod Mater	ial	Pipe Connection		e Size			
ę	321	1:	: Norr Clos	ed		Condi	ŀ	-: Cla I: Cla ering (ss H		11	20/60 0/50 itiona	T: T E	Nitrile eflon/ PR es, vari	4: Brass 2: Brass ations at	6	H: 1 1/2" NPT 	J5: 1	1/2"

_	Coil F	amily	Frequency (Hz)	Frequency (Hz)						
	Туре	Size								
_	All	S3	Nominal Power (VA)	Inrush	36	36				
				Holding	13	14				



- High Performance
- 1 1/2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed

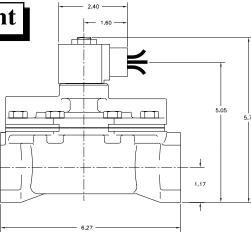


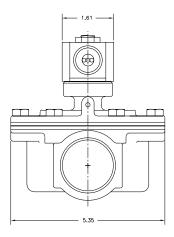
	CIUDEd	
Materials	Seals:	Nitrile, Teflon [®]
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1 1/2"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	±15° From Vertical
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight

Weight (lbs.) 10.5







S211 – High Performance, 1 1/2" NPT, Stainless Steel Body-Type 316, Normally Closed

Valv	ve Se	lec	etic)n	Li	st													
Normall	y Close	d				1	L T P		V			P			∃→			nergiz	
Pipe Size	Orifice Size				ting F Gas	N	ure [Maxir ater	Differe num Ligh				Max Fluid Temp.	Seal Material	Consu	wer umption atts)	(Model (120V/60HZ — Shov	110V/5 /n)
NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC		Stainless St Type 3		У
1 1/2	1 1/2	28	10	250	150	250	150	250	150	_	—	180	Nitrile	8	9		S211GF02	2N1HJ5	; ;
1 1/2	1 1/2	28	10	—	—	—	—	—	_	150*	150*	366	Teflon	8	9		S211GH02	2T1HJ5	;
Pa	rt N	un	ıbo	eri	ng											J	n Temperatur		
1	2 3		4			5		6	;		7	8		9	10		11	12	13
S	2 1		1			G		F	•)	2		Ν	1		Η	J	5
Se	eries	C	pera Mod		Но	using	* C	Coil Cl	lass*		Volta	ige*		eal terial	Body Mater		Pipe Connection	Orific	ce Size
S	821	1:	Norn Clos		G: C	Condu		: Cla I: Cla				20/60 0/50	T: T	Nitrile eflon/ PR	1: Stainl Steel	less	H: 1 1/2" NPT	J5: 1	1/2"
				* Se	e the	"Eng	ginee	ering (Guide	e" for	addi	itional	voltage	es, vari	ations ar	nd op	otions.		

Coil F	amily	Frequency (Hz)	Frequency (Hz)							
Type All	Size S3	Nominal Power (VA)	Inrush	36	36					
			Holding	13	14					



- 1 1/2" NPT
- Brass Body
- 2-Way Piloted
- Diaphragm
- Normally Open

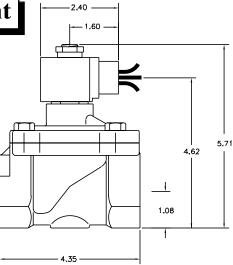


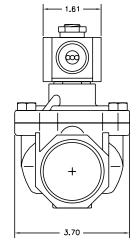
Seals:	Nitrile, Viton [®] , Ethylene Propylene
Orifice: Pilot Main	Stainless Steel Brass Ø 11/4"
Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
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
Ambient (Nominal):	32°F to 125°F
Position:	Vertical and Upright
Agency:	UL Listed, UL Recognized, CSA Approved
	Orifice:Pilot MainStandard Housing:Optional Housings:Optional Housings:Standard Voltages:Standard Voltages:Voltage Tolerance:Coil Classes:Standard Lead Length:Ambient (Nominal):Position:

* Not available for all variations



Weight (lbs.) 10.5







Valv	ve Se	lec	etio	on	Li	st										
Normall	y Open	-			7	L T	P	<u>`</u> \	^			 P	Ener	gized		De-Energized
Pipe Size	Orifice Size)pera Air/	ting F Gas	N	ure E Maxir ater	num	entia t Oil			Max Fluid Temp.	Seal Material	Consu	wer Imption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
 NPT	O IN	cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC		Seal N	AC	DC	Brass Body
	1 1/4	25	3	200	140	140	140	—	—	—	—	295	EPR	9	9	S212GF02C5HJ2
1 1/2	1 1/4	25	3	200	140	140	140	85	85	—	_	180	Nitrile	9	9	S212GF02N5HJ2
1 1/2	1 1/4	25	3	200	140	140	140	85	85	—	—	230	Viton	9	9	S212GF02V5HJ2
	1 1/4	25	3	—	_	—	—	—	—	50*	50*	295	EPR	9	9	S212GH02C5HJ2

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

Part Nu	mberi	ng							
1 2 3 S 2 1	4 2	₅	6 F	7 0	⁸	。 C	¹⁰	11 H	12 13 J 2
Series	Operating Mode	Housing*	Coil Class*	Volta	age*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	2: Normally Open	G: Conduit	F: Class F H: Class H	02: 12 11	20/60 0/50	C: EPR N: Nitrile V: Viton	5: Brass	H: 1 1/2" NPT	J2: 1 1/4"
	* Se	l e the "Engine	eering Guide	l " for add	itional v	 oltages, vari 	 ations and op 	 otions. 	

Coil	Family	Frequency (Hz)		60	50
Туре	Size				
ALL	S3	— Nominal Power (VA)	Inrush	36	36
			Holding	18	22

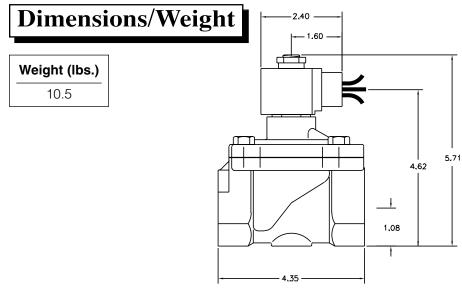


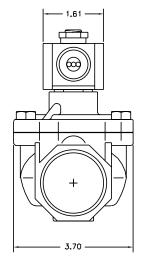
- 1 1/2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 11/4"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	Vertical and Upright
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

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Valve Selection List

Energized De-Energized Normally Open Ρ Р Р **Operating Pressure Differential (psi)** Model Code Size Max Fluid Temp. Power Maximum Size Consumption Seal Material 120V/60HZ - 110V/50HZ Orifice (Watts) Air/Gas Water Light Oil Steam* Pipe Shown Minimum Stainless Steel Body DC AC DC AC DC AC DC AC AC DC C_{v} Type 316 °F NPT IN EPR 1 1/4 295 5 200 150 150 150 9 9 S212GF02E7HJ2 25 ____ 1 1/4 25 5 200 150 150 150 85 85 180 Nitrile 9 9 S212GF02J7HJ2 1 1/2 1 1/4 5 200 150 150 150 85 85 230 Viton 9 9 S212GF02L7HJ2 25 1 1/4 25 5 50* 50* 295 EPR 9 9 S212GH02E7HJ2

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

Part Nu	mberi	ng							
1 2 3 S 2 1	4 2	⁵	6 F	7 0	⁸	9 E	10 7	11 H	12 13 J 2
Series	Operating Mode	Housing*	Coil Class*	Voltag	e*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	2: Normally Open * Se		H: Class H	02: 120 110,	/50	E: EPR J: Nitrile L: Viton	7: 316 SS	H: 1 1/2" NPT	J2: 1 1/4"
	36					onages, van			

	Coil F	amily	Frequency (Hz)		60	50
_	Туре	Size		lawah		
	ALL	S3	Nominal Power (VA)	Inrush	36	36
				Holding	18	19



- High Performance
- 1 1/2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Open

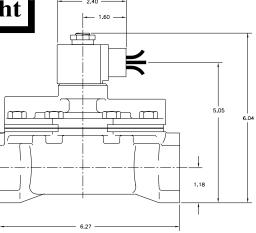


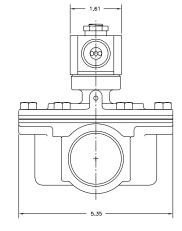
Materials	Seals:		Nitrile, Teflon [®]
		Pilot Main	Stainless Steel Brass Ø 1 1/2" - #4 Body; Stainless Steel Ø 1 1/2" - #2 Body
Electrical	Standard Housi	ing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housir	ngs:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltag	ges:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Toleran	nce:	±10% of applicable voltage
	Coil Classes:		F, H, N
	Standard Lead	Length:	24 inch
Operating Temperature	Ambient (Nomir	nal):	32°F to 125°F
Mounting	Position:		±15° From Vertical
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight

Weight (lbs.) 10.5







S211 – High Performance, 1 1/2" NPT, Brass Body, Normally Open

		_											_						
Normall	y Open					T	F		\sim			——————————————————————————————————————							
Pipe Size	Orifice Size			perat	-		Maxir	Differe mum Ligh	ential t Oil			Max Fluid Temp.	Seal Material	Consu	wer Imption atts)	(Model (120V/60HZ — Shov	110V/50	HZ)
NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC		Brass E	Body	
1 1/2	1 1/2	28	10	200	140	200	140	200	140	_	_	180	Nitrile	8	9		S212GF02	2N4HJ5	
1 1/2	1 1/2	28	10							1004			_ ~	-				- -	
		20	10			* (Clas	s H C				366 ended	Teflon	8 eam an	9 d Othe	r Higl	S212GH0 h Temperatur		
Pa	rt N			eri	ng		Clas:	s H C							÷	r Higl			
Pa	2 3				ng		Clas:	s H C	oil F	Reco					÷	-			
			ıbe				 Clas:		coil F	Reco	mme 7	ended	for Ste	eam an	d Other)	h Temperatur	re Appli	cations
1 S		un		ting		5		6	ioil F	Reco	mme 7	8 8	for Ste	eam an	d Other) •	h Temperatur	12	cation:
1 S	² 3 2 1		abo 4 2 Opera	ting le	Hou	₅ G	* C	e F	isoil F		7 7 Volta 2: 12	8 8	I for Ste	9 9 eal	d Other 10 Boo) Iy rial ged ss	11 H Pipe	12	13 13 e Size

Coil	Family	Frequency (Hz)	Frequency (Hz)						
Type All	Size S3	Nominal Power (VA)	Inrush	36	36				
			Holding	18	22				



- High Performance
- 1 1/2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open

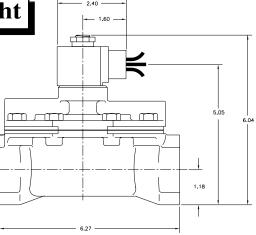


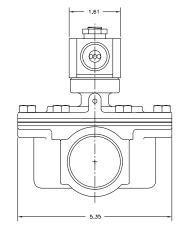
Materials	Seals:	Nitrile, Teflon [®]
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1 1/2"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	±15° From Vertical
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

* Not available for all variations

Dimensions/Weight

Weight (lbs.)







S212 – High Performance, 1 1/2" NPT, Stainless Steel Body-Type 316, Normally Open

Valve Selection List Energized **De-Energized** Normally Open Ρ Р P Operating Pressure Differential (psi) Model Code Size Max Fluid Temp. Power Size Maximum Consumption Material 120V/60HZ — 110V/50HZ Orifice (Watts) Pipe (Air/Gas Light Oil Water Steam* Shown Minimum Stainless Steel Body Seal AC AC DC AC DC AC DC AC DC DC C_v °F Type 316 NPT IN 1 1/2 200 140 180 Nitrile S212GF02N1HJ5 28 10 200 140 200 140 8 9 1 1/2 1 1/2 100* 100* 28 10 366 Teflon 8 9 S212GH02T1HJ5 * Class H Coil Recommended for Steam and Other High Temperature Applications **Part Numbering** 1 2 З 10 12 13 4 5 6 9 11 7 8 2 G 5 2 U Operating Seal Body Pipe Coil Class' Orifice Size Series Housing* Voltage* Mode Material Material Connection S21 2: Normally G: Conduit F: Class F 02: 120/60 N: Nitrile 1: Stainless H: 1 1/2" NPT J5: 1 1/2" H: Class H 110/50 T: Teflon/ Open Steel EPR * See the "Engineering Guide" for additional voltages, variations and options.

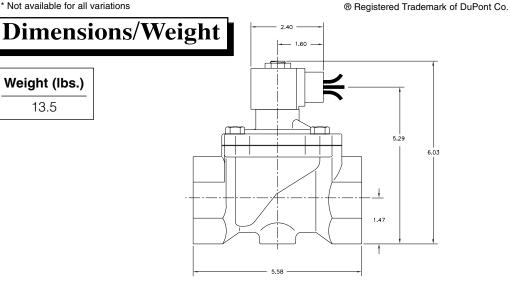
Coil	Family	Frequency (Hz)	Frequency (Hz)						
Type All	Size S3	Nominal Power (VA)	Inrush	36	36				
			Holding	18	22				

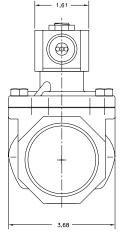


- 2" NPT
- Brass Body
- 2-Way Piloted
- Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene			
	Orifice: Pilot Main	Stainless Steel Brass Ø 11/4"			
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)			
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.			
	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:	Vertical and Upright			
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved			







Normall	y Close	d					L T P		\checkmark]→	De-Energized
Size	e Size		С	Dperating Pres		Pressure Differentia Maximum			l (psi	i)	Max Fluid Temp.	rial	Pov Consu	mption	Model Code (120V/60HZ — 110V/50HZ)	
Pipe Size	Orifice		m	Air/0	Gas	Wa	ter	Ligh	it Oil	Stea	am*	Mini	Mate	(Wa	atts)	C Shown
ш NPT	IN	cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal Material	AC	DC	Brass Body
	1 1/4	28	5	200	150	150	150	_	_	—		295	EPR	8	9	S211GF02C5JJ2
0	1 1/4	28	5	200	150	150	150	85	85	—	—	180	Nitrile	8	9	S211GF02N5JJ2
2	1 1/4	28	5	200	150	150	150	85	85	—	—	230	Viton	8	9	S211GF02V5JJ2
	1 1/4	28	5	—	_	_	—	_	—	50*	50*	295	EPR	8	9	S211GH02C5JJ2
* Class H Coil Recommended for Steam and Other High Temperature Applications Part Numbering																

S 2 1	1	G	F	02	С	5	J	J 2
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	1: Normally Closed	G: 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"
	* Se	e the "Engine	eering Guide	" for additional v	oltages, vari	ations and op I	otions.	

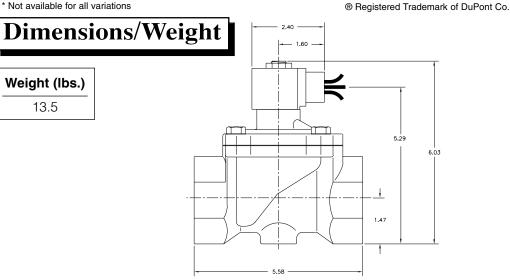
Coil	Family	Frequency (Hz)		60	50
Type ALL	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	13	14

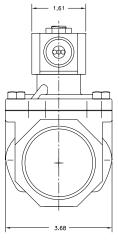


- 2" NPT
- Stainless Steel Body **Type 316**
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 11/4"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	Vertical and Upright
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved







Valve Selection List

Normall	y Closed	d			7	•	- - - - - -		V				Energ]→	De-Energized		
Pipe Size	Orifice Size				ting F Gas	1		ire Differential (psi) laximum er Light Oil Stea						Max Fluid Temp.	Material	Consu	wer mption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)
iط NPT	⊒ Or	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	, ⊐ Flu	Seal M	AC	DC	Stainless Steel Body Type 316		
	1 1/4	28	5	200	150	150	150	—	—	—	—	295	EPR	8	9	S211GF02E7JJ2		
0	1 1/4	28	5	200	150	150	150	85	85	—	—	180	Nitrile	8	9	S211GF02J7JJ2		
2	1 1/4	28	5	200	150	150	150	85	85	—	—	230	Viton	8	9	S211GF02L7JJ2		
	1 1/4	28	5	—	—	—	—	— — — 50* 50		50*	295	EPR	8	9	S211GH02E7JJ2			

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

Part Nu	mberi	ng						
1 2 3 S 2 1	4	⁵	6 F	7 8 0 2) E	10 7	11 J	12 13 J 2
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	1: Normally Closed * Se		H: Class H	02: 120/60 110/50 " for additional	E: EPR J: Nitrile L: Viton voltages, vari	7: 316 SS	J: 2" NPT	J2: 1 1/4"

	Coil Family		Frequency (Hz)		60	50
_	Туре	Size		Innuch	26	26
	ALL	S3	— Nominal Power (VA)	Inrush	36	36
				Holding	13	14

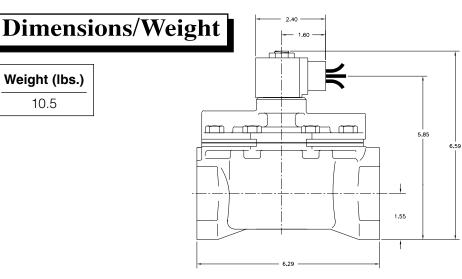


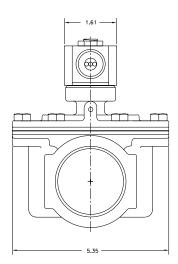
- High Performance
- 2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:	Nitrile [®] , Teflon [®]			
	Orifice: Pilot Main	Stainless Steel Brass Ø 1 1/2" - #4 Body; Stainless Steel Ø 1 1/2" - #2 Body			
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)			
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.			
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 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:	±15° From Vertical			
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved			

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S211 – High Performance, 2" NPT, Brass Body, Normally Closed

Valv	ve Se	lec	etio	n	Li	st													
Normall	Normally Closed								V			— Р		gized	∃→		De-E	nergize	ed
Pipe Size	Orifice Size				ting F Gas		Maxir					Max Fluid Temp.	Seal Material	Consu	wer Imption atts)	(Model (120V/60HZ — Shov	110V/50	DHZ)
NPT	IN	cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC		Brass I	Body	
2	1 1/2 1 1/2	29 29	10 10	250 —	150	250 —	150	250 —	150		─ ─ 180 Nitrile 8 9 S211GF02N4J 150*150* 366 Teflon 8 9 S211GH02T2J								
		1	1			* (Class	s H C	oil F	Reco	mme	ended	for Ste	eam an	d Othe	r Higl	h Temperatu	re Appli	cations
Pa	rt N	un	ıb	eri	ng														
1 S	² 3 2 1		4 1			₅ G		6 F			7)	8 2		9 N	10 4 Boo	•	11 J Pine	12 J	¹³

Part Nu	Imperi	ng						
1 2 3	4	5	6	7 8	9	10	11	12 13
S 2 1	1	G	F	02	Ν	4	J	J 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S21	1: Normally Closed	G: Conduit	F: Class F H: Class H	02: 120/60 110/50	N: Nitrile T: Teflon/ EPR	4: Brass 2: Brass	J: 2" NPT	J5: 1 1/2"
	* Se	e the "Engine	eering Guide	" for additional v	oltages, vari 	iations and op	otions.	

Co	I Family	Frequency (Hz)		60	50
Type All	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	13	14



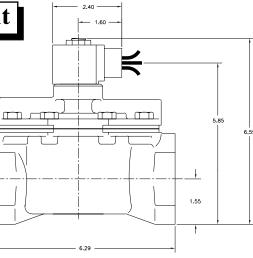
- High Performance
- 2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



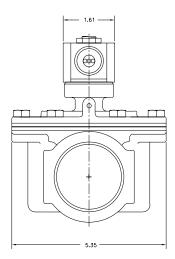
Materials	Seals:	Nitrile, Teflon [®]
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1 1/2"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 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:	±15° From Vertical
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

Dimensions/Weight

Weight (lbs.)



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S211 – High Performance, 2" NPT, Stainless Steel Body-Type 316, Normally Closed

Valv	ve Se	lec	etio	on	Li	st													
Normall	Normally Closed											P P		gized	⊒→			inergiz	
Pipe Size	Orifice Size		Operating Pressure Different Maximum Air/Gas Water Light C									Max Fluid Temp.	Seal Material	Power Consumption (Watts)		Model Code (120V/60HZ — 110V/50H Shown)	
NPT	IN	Cv	Minir	DC	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC		Stainless St Type 3		У	
2	1 1/2 1 1/2											180 366	Nitrile Teflon	8 8	9 9		S211GF0 S211GH0		
Pa	rt N	un	ıb	eri	ng			5110		1000		indec				i ing	h Temperatuı	e Abbi	ications
1 S	² 3 2 1		4 1			5 G		6 F	; •		7)	⁸		9 N	10 10)	11 J	12 J	¹³
	eries 21		Dpera Moc Norr Clos	nally ed	G: (using Condu	uit F	Coil Cla -: Cla I: Cla	ss F ss H	0	11	20/60 0/50	Ma N: M T: Te E	eal terial Nitrile eflon/ PR es. vari	Bod Mate 1: Stair Stee ations a	rial Iless I	Pipe Connection J: 2" NPT	Orific J5: 1	ce Size 1/2"

Coil	Family	Frequency (Hz)		60	50
Type All	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	13	14



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

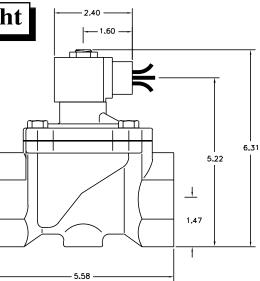


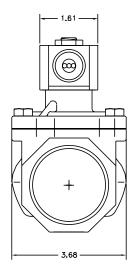
Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Brass Ø 11/4"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	Vertical and Upright
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

* Not available for all variations



Weight (lbs.) 13.5





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Normal	ly Open	_		Γ									Ener	gized		De-Energized
							<u>Р</u>	`\ ,	\wedge			 P	→			
ze	Size		C	pera [.]	ting F		ure D Maxin		entia	l (ps	i)	mp.	al		wer	Model Code
Pipe Size	Orifice (m	Air/	Air/Gas Water			Ligh	nt Oil	Steam*		Max Fluid Temp.	Seal Material	Consumption (Watts)		(120V/60HZ — 110V/50HZ) Shown
NPT	IN	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal I	AC	DC	Brass Body
	1 1/4	28	5	200	140	140	140	—	—	—	—	295	EPR	9	9	S212GF02C5JJ2
•	1 1/4	28	5	200	140	140	140	85	85	_	—	180	Nitrile	9	9	S212GF02N5JJ2
2	1 1/4	28	5	200	140	140	140	85	85	—	—	230	Viton	9	9	S212GF02V5JJ2
	1 1/4	28	5	-	—	—	—	—	—	50*	50*	295	EPR	9	9	S212GH02C5JJ2
						*	Class	s H C	Coil F	Reco	omm	endec	for Ste	am an	d Othe	r High Temperature Application

				0						
1	2	3	4	5	6	78	9	10	11	12 13
S	2	1	2 G F		F	02	С	5	J	J 2
S	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21		2: Normally Open	G: 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"
			* Se	e the "Engine	eering Guide	" for additional v	oltages, vari	ations and op	otions.	

Coil F	amily	Frequency (Hz)		60	50
Type ALL	Size S3	Nominal Power (VA)	Inrush	36	36
			Holding	18	22

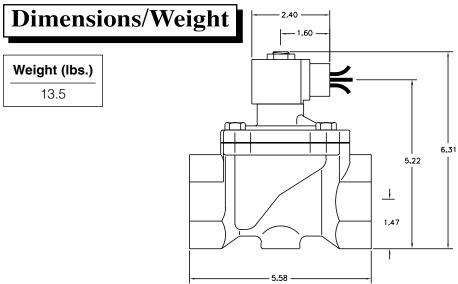


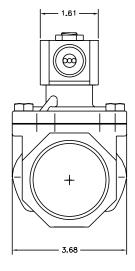
- 2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open



Materials	Seals:	Nitrile, Viton [®] , Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 11/4"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	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:	Vertical and Upright
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

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Valv	ve Se	lec	etic	n	Li	st										
Normally Open									~			 P	Ener	gized		De-Energized
Pipe Size	Orifice Size			Operating Pressure Differential Maximum Air/Gas Water Light Oil							Max Fluid Temp.	Seal Material	Consu	wer mption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown)	
						AC	DC	AC	DC	AC	DC		Seal N	AC	DC	Stainless Steel Body Type 316
	1 1/4	28	5	200	150	150	150	—	—	—	—	295	EPR	9	9	S212GF02E7JJ2
2	1 1/4	28	5	5 200 150 150		150	150	85	85	—	—	180	Nitrile	9	9	S212GF02J7JJ2
2	1 1/4	28	5	200	150	150	150	85	85	_	—	230	Viton	9	9	S212GF02L7JJ2
	1 1/4 28 5 — — — —							50*	50*	295	EPR	9	9	S212GH02E7JJ2		

* 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	1	2	G	F	02	Ε	7	J	J 2
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21		2: Normally Open		H: Class H	02: 120/60 110/50	E: EPR J: Nitrile L: Viton	7: 316 SS	J: 2" NPT	J2: 1 1/4"
	* See the "Engineering Gui				eering Guide	" for additional v	oltages, vari 	ations and op	otions.	

Coil	Family	Frequency (Hz)		60	50
Туре	Size	Nominal Power (VA)	Inrush	36	36
ALL	S3		Holding	18	19



G C VALVES

- High Performance
- 2" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Open



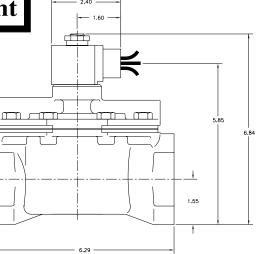
Materials	Seals:		Nitrile, Teflon [®]
	Orifice: Pilot Main		Stainless Steel Brass Ø 1 1/2" - #4 Body; Stainless Steel Ø 1 1/2" - #2 Body
Electrical	Standard Ho	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	isings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Vol	tages:	24, 120, 240 AC 60 Hz; 50 Hz available Contact GC Valves Customer Service for Additional Voltages.
	Voltage Toler	ance:	±10% of applicable voltage
	Coil Classes:	:	F, H, N
	Standard Lea	ad Length:	24 inch
Operating Temperature	Ambient (Nor	minal):	32°F to 125°F
Mounting	Position:		±15° From Vertical
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

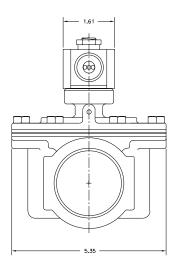
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* Not available for all variations



Weight (lbs.) 10.5







S211 – High Performance, 2" NPT, Brass Body, Normally Open

Norman	y Open										ļ		Energ	gized			De-E	nergiz	ed
		_																	
۵	ize		C	pera	ting F			Differe	ential	l (psi)	. d		-	wer		Model (Code	
Pipe Size	Orifice Size		ш	Maxir Air/Gas Water					t Oil	Ste	am*	Max Fluid Temp.	Seal Material		Sumption Vatts)		(120V/60HZ — 110V/50 Shown		OHZ)
∩ NPT	IN	cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal N	AC	DC		Brass E	Body	
0	1 1/2	28	10	200	140	200	140	200	140	—		180	Nitrile	8	9		S212GF0	2N4JJ5	5
2	1 1/2	28	10	—	—	—	—	—	—	100*100*		366	Teflon	Teflon 8 9		S212GH02T2JJ5			;
Pa	rt N	un	ıbo	eri	ng														
1	2 3		4			5		6	6		7	8		9	10)	11	12	13
S	2 1		2			G		F	•)	2] [Ν	4	1	J	J	5
Se	Series Operating Mode				Но	using	* (Coil C	lass*	-	Volta	ige*	-	eal terial	Bod Mate			Orifi	ce Siz
S	321	2:	Norn Opei		G: (Condi		∹ Cla ⊣: Cla				20/60 0/50	T: Te	litrile eflon/ PR	4: Forç Bras 2: Bras	s	J: 2" NPT	J5: 1	1/2"
					* See the "Engineering Guide" for additional voltages, variations and options.														

Coil	Family	Frequency (Hz)	Frequency (Hz)							
Type All	Size S3	Nominal Power (VA)	Inrush	36	36					
			Holding	18	22					





- High Performance
- 2" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Open

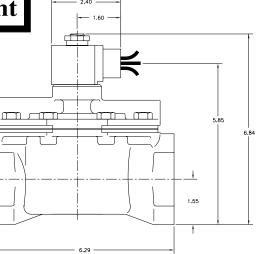


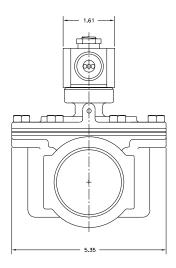
Materials	Seals:	Nitrile, Teflon [®]
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 1 1/2"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available 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:	±15° From Vertical
Approvals*	Agency:	UL Listed, UL Recognized, CSA Approved

* Not available for all variations



Weight (lbs.)







S212 – High Performance, 2" NPT, Stainless Steel Body-Type 316, Normally Open

Valv	ve Se	lec	etio	n	Li	st													
Normall	y Open	_											Ener	gized			De-E	nergiz	ed
				[T	F		~			P					P		╞
Pipe Size	Orifice Size	Operating Pressure Diffe									Max Fluid Temp.	Seal Material	Consu	ower umption atts)	(Model (— 120V/60HZ Shov	110V/5	OHZ)	
∟ NPT	N C	Cv	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal N	AC	DC			ss Steel Body ype 316	
2	1 1/2	28	10	200	140	200	140	200	140	—	—	180	Nitrile	8	9		S212GF0	2N1JJ5	
2	1 1/2	28	10	—	—	—	—	—	_	100*	100*	366	Teflon	8	9	9 S212GH02T			
Pa	rt N	un	ıbo	eri	ng														
1	2 3		4			5		6	6		7	8		9	10		11	12	13
S	2 1		2)		G		F	•)	2		Ν	1		J	J	5
Se	eries	C	Dpera Moc		Но	using	* 0	Coil Cl	lass*		Volta	ıge*	-	eal terial	Body Mater		Pipe Connection	Orific	e Size
S	21	2:	Norr Ope		G: (Condi		: Clas I: Cla				20/60 0/50	T: T	Nitrile eflon/ PR	1: Stain Steel		J: 2" NPT	J5: 1	1/2"
				* Se	the	"Enç	inee	ering (Guide	e" for	add	itiona	I voltage	es, vari	ations ar	nd op	otions.		

Coil F	-amily	Frequency (Hz)	Frequency (Hz)							
Type All	Size S3	Nominal Power (VA)	Inrush	36	36					
			Holding	18	22					



























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