# S20 Series



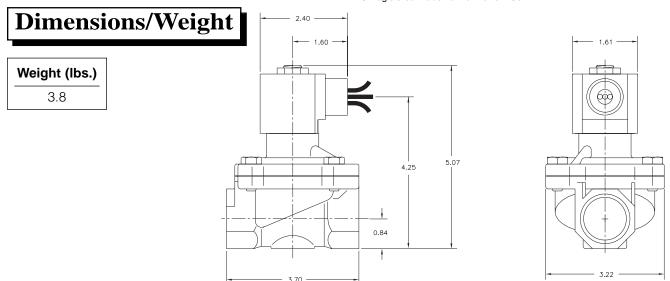
- 1" NPT
- Brass Body
- 2-Way Zero DifferentialPiloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile, Viton®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Brass Ø 1"
Electrical	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	oltages:	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	S:	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

<sup>\*</sup> Not available for all variations

<sup>®</sup> Registered Trademark of DuPont Co.



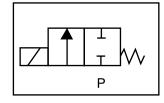
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

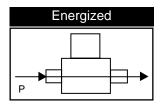


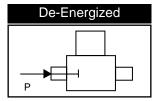
# S201 – 1" NPT, Brass Body, Normally Closed

### **Valve Selection List**

Normally Closed







Size	Size		C	pera	ting F		ure E ximu		entia	l (psi)	emp.	a	Pov Consu	-	Model Code <b>(</b> 120√/60HZ — 110√/50HZ <b>\</b>
Pipe Si	Orifice		un.	Air/	Gas	Wa	ater	Ligh	nt Oil	Steam*	Max Fluid Temp.	Material	(Wa	•	(120V/60HZ — 110V/50HZ) Shown
NPT	IN	C <sub>v</sub>	Minim	AC	DC	AC	DC	AC	DC	AC	°F	Seal	AC	DC	Brass Body
	1	11	0	100	_	50	_	_	_	_	295	EPR	10	_	S201GF02C5FG9
4	1	11	0	100	_	50	_	_	_	_	180	Nitrile	10	_	S201GF02N5FG9
1	1	11	0	100	_	50	_	_	_	_	230	Viton	10	_	S201GF02V5FG9
	1	11	0	_	_	_	_	_	_	50*	295	EPR	10	_	S201GH02C5FG9

<sup>\*</sup> 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	0	1	G	F	0 2	C	5	F	<b>G</b> 9
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S20		1: Normally Closed * Se		H: Class H	02: 120/60 110/50 " for additional v	C: EPR N: Nitrile V: Viton oltages, vari	5: Brass ations and op	F: 1" NPT	G9: 1"
							]			

#### **Coil Data**

Coil Family

Type	Size
All	S4

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	18	19



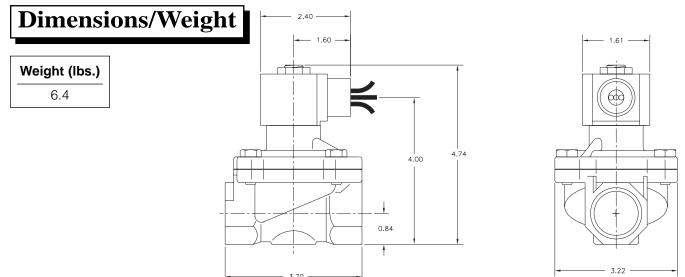
- 1" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile, Viton®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Brass Ø 1"
Electrical	Standard 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 Le	ad Length:	24 inch
Operating Temperature	Ambient (No	minal):	32°F to 125°F
Mounting	Position:		Vertical and Upright
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

<sup>\*</sup> Not available for all variations

<sup>®</sup> Registered Trademark of DuPont Co.



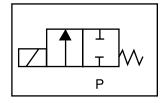
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

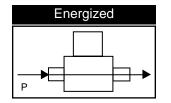


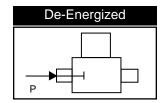
# S211 – 1" NPT, Brass Body, Normally Closed

## Valve Selection List

Normally Closed







Size	Size		C	pera	ting F		ure D Maxir		ential	(ps	i)	k emp.	a	Pov Consu		Model Code
Pipe Si	Orifice	Air/Gas Water Light C		nt Oil	Steam*		Max Fluid Temp.	Material	(Watts)		( 120V/60HZ — 110V/50HZ ) Shown					
NPT	IN	C <sub>v</sub>	Minimum	AC	C DC AC DC		AC	DC	AC	DC	۴	Seal	AC	DC	Brass Body	
	1	13	5	200	150	150	150	_	_	_	_	295	EPR	8	9	S211GF02C5FG9
4	1	13	5	200	150	150	150	100	100	_	_	180	Nitrile	8	9	S211GF02N5FG9
ı	1	13	5	200	150	150	150	100	100	_	_	230	Viton	8	9	S211GF02V5FG9
	1	13	5	_	_	_	_	_	_	50*	50*	295	EPR	8	9	S211GH02C5FG9

<sup>\*</sup> 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	1	G	F	0 2	C	5	F	<b>G</b> 9
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 v	C: EPR N: Nitrile V: Viton oltages, varia	5: Brass ations and op	F: 1" NPT  otions.	G9: 1"

#### **Coil Data**

Coil Family
Type Size
ALL S3

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	36	36
	Holding	13	14



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



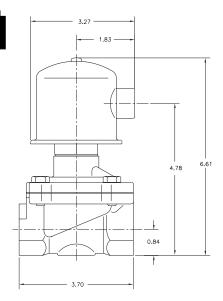
Materials	Seals:	Nitrile, Viton®, Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Brass Ø 1"
Electrical	Standard Housing:	Conduit (NEMA 1)
	Optional Housings:	Watertight (NEMA 4), Junction Box. Contact GC Valves Customer Service for others.
	Standard Voltages:	24, 120, 240 AC 60 Hz; 50 Hz available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

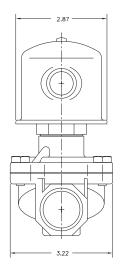
<sup>\*</sup> Not available for all variations

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### **Dimensions/Weight**

 $\frac{\text{Weight (lbs.)}}{5.1}$ 



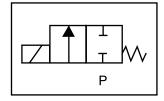


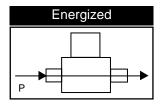


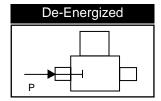
# S271 – 1" NPT, Brass Body, Normally Closed

### **Valve Selection List**

Normally Closed







Size	Size		C	pera	ting F		ure E Maxin		ential	(psi	i)	k mp.	a	Pov Consu	wer mption	Model Code
Pipe Si	Orifice		imum	Air/	Gas	Wa	ater	Ligh	t Oil	Ste	am*	Max Iuid Temp	Material	(Watts)		( 120V/60HZ — 110V/50HZ Shown
NPT	IN	C <sub>v</sub>	Minim	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seall	AC	DC	Brass Body
	1	13	0	125	125	100	50	_	_	_	_	295	EPR	17.5	22.5	S271AF02C5FG9
4	1	13	0	125	125	100	100	70	70	_	_	180	Nitrile	17.5	22.5	S271AF02N5FG9
1	1	13	0	125	125	100	100	70	70	_	_	230	Viton	17.5	22.5	S271AF02V5FG9
	1	13	0	_	_	_	_	_	_	50*	_	295	EPR	17.5	_	S271AH02C5FG9

<sup>\*</sup> Class H Coil Recommended for Steam and Other High Temperature Applications

# **Part Numbering**

1	2	3	4	5	6	7 8	9	10	11	12 13
S	2	7	1	A	F	0 2	C	5	F	<b>G</b> 9
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S27		1: Normally Closed		F: Class F H: Class H	110/50	C: EPR N: Nitrile V: Viton	5: Brass	F: 1" NPT	G9: 1"
	* See the "Engineering Guid					" for additional v	oitages, vari	ations and op	otions.	

Coil Family										
Type	Size									
All	S5									

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



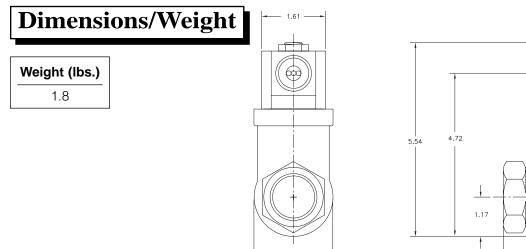
- 1" NPT
- Brass Body
- 2-Way Piloted Piston
- Normally Closed

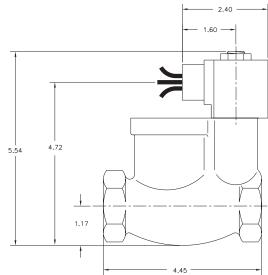


Materials	Seals:	Viton®
	Body:	Brass
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages:	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

<sup>\*</sup> Not available for all variations

<sup>®</sup> Registered Trademark of DuPont Co.





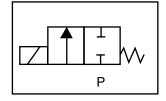
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

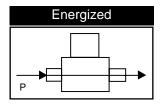


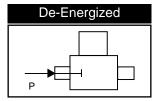
# S401 – 1" NPT, Brass Body, Normally Closed

#### Valve Selection List

Normally Closed

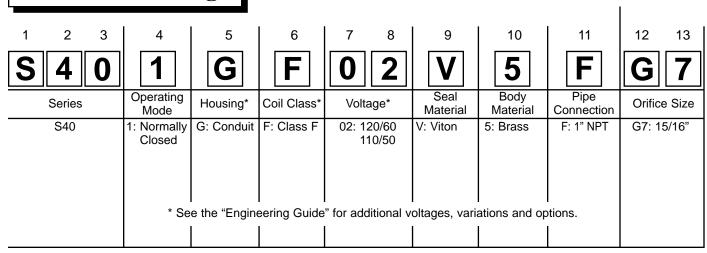






	Operating Pressure Differential (psi)										Power		Model Code					
Size	Size					N	laximu	ım				ax Temp	<u>lä</u>		mption	( 120V/60HZ		
Pipe Si	rifice		шn	Air/	Gas	Wa	iter	Ligh	t Oil	Hea	nd #6 ated I Oil	∑pin	/lateri	(Watts) (120V/60HZ — 110V/50HZ Shown		120 1/00112 — 110 1/30112		
<u> </u>	IN	C <sub>v</sub>	Minim	AC	DC	AC	DC	AC	DC	AC	DC	°Е	Seal	AC	DC	Brass Body		
141 1	1111	<u> </u>	_															
1	15/16	11.5	5	100	100	100	100	100	100	150	100	230	Viton	10	10	S401GF02V5FG7		

# **Part Numbering**



#### **Coil Data**

Coil Family
Type Size
All S4

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	20	21



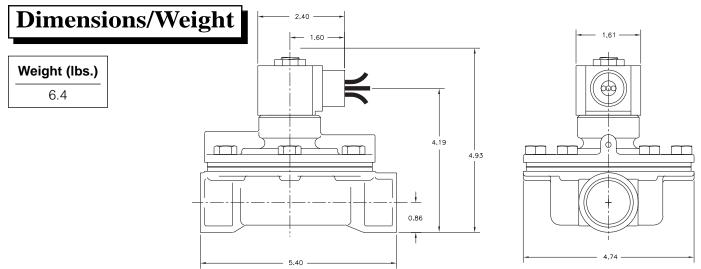
- High Performance
- 1" NPT
- Brass Body
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile®, Teflon®					
		ilot lain	Stainless Steel Brass Ø 1" - #4 Body; Stainless Steel Ø 1" - #2" Body					
Electrical	Standard Housir	ng:	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 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.					
	Voltage Tolerand	ce:	±10% of applicable voltage					
	Coil Classes:		F, H, N					
	Standard Lead L	_ength:	24 inch					
Operating Temperature	Ambient (Nomin	al):	32°F to 125°F					
Mounting	Position:		±15° From Vertical					
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved					

<sup>\*</sup> Not available for all variations

<sup>®</sup> Registered Trademark of DuPont Co.

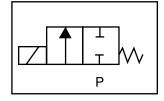


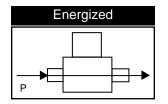


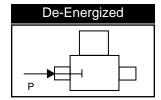
### S211 – High Performance, 1" NPT, Brass Body, Normally Closed

#### Valve Selection List

Normally Closed







	Şe	Operating Pressure Differential (psi)								(psi	)	٠.		Power		Model Code
Size	e Size			<b>.</b> /			Maxir		. 0"	<u> </u>		Max id Temp	erial	Consumption (Watts)		( 120V/60HZ — 110V/50HZ )
Pipe	Orifice		mn	Air/	Gas	Wa	ter	Ligh	t Oil	Ste	am*	luid	Materia			Shown /
		C <sub>v</sub>	<b>dinim</b>	AC	DC	AC	DC	AC	DC	AC	DC		Seal	AC	DC	Brass Body
NPT	IN	٧	2									°F	တ			
1	1	13	10	250	150	250	150	250	150	ı	_	180	Nitrile	8	9	S211GF02N4FG9
1	1	13	10	_	_	_	_		_	150*	150*	366	Teflon	8	9	S211GH02T2FG9

<sup>\*</sup> 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	1	G	F	0 2	N	4	F	<b>G</b> 9
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Body Material Material		Pipe Connection	Orifice Size
	S21		1: Normally Closed * Se		H: Class H			4: Brass 2: Brass ations and op	F: 1" NPT	G9: 1"

Coil Family										
Type	Size									
All	S3									

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	36	36
	Holding	13	14

# S20 Series



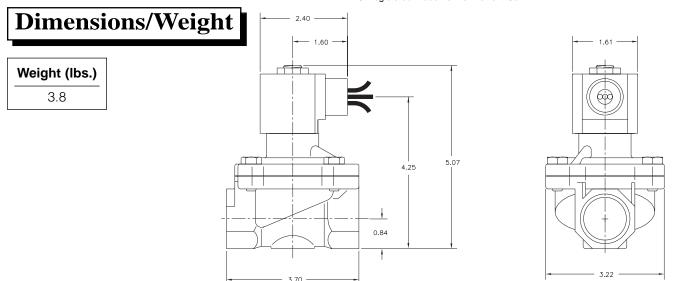
- 1" NPT
- Stainless Steel Body Type 316
- 2-Way Zero DifferentialPiloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile, Viton®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 1"
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 Le	ad Length:	24 inch
Operating Temperature	Ambient (No	minal):	32°F to 125°F
Mounting	Position:		Vertical and Upright
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

<sup>\*</sup> Not available for all variations

<sup>®</sup> Registered Trademark of DuPont Co.



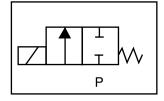
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

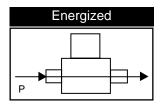


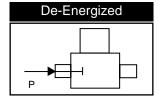
### S201 – 1" NPT, Stainless Steel Body-Type 316, Normally Closed

### Valve Selection List

Normally Closed







Size	Size		C	pera	ting F		ure E ximu		entia	l (psi)	emp.	a	Power Consumption		Model Code	
Pipe Si	Orifice		imum	Air/	Gas	Wa	ater	Ligh	nt Oil	Steam*	Power Consumption (Watts) (120V/60HZ — 110V/Shown		120 1/00/12 110 1/00/12			
NPT	IN	C <sub>v</sub>	Minim	AC	DC	AC	DC	AC	DC	AC	°F	Seal	AC	DC	Stainless Steel Body Type 316	
	1	11	0	100	_	50	_	_	_	_	295	EPR	10	_	S201GF02E7FG9	
1	1	11	0	100	_	50	_	_	_	_	180	Nitrile	10	_	S201GF02J7FG9	
ı	1	11	0	100	_	50	_	_	_	_	230	Viton	10	_	S201GF02L7FG9	
	1	11	0	_	_	_	_	_	_	50*	295	EPR	10	_	S201GH02E7FG9	

<sup>\*</sup> 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	0	1	G	F	0 2	E	7	F	<b>G</b> 9
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S20		1: Normally Closed		F: Class F H: Class H		E: EPR J: Nitrile L: Viton	7: 316 SS	F: 1" NPT	G9: 1"
				C the Engine					),iioiio.	

Coil Family							
Type	Size						
All	S4						

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	18	23



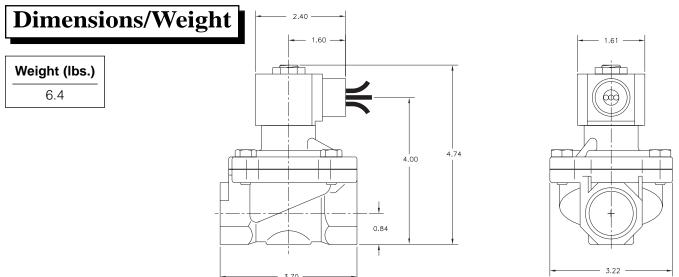
- 1" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile, Viton®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 1"
Electrical	Standard 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	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 Le	ad Length:	24 inch
Operating Temperature	Ambient (No	minal):	32°F to 125°F
Mounting	Position:		Vertical and Upright
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

<sup>\*</sup> Not available for all variations

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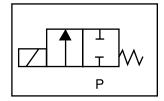
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

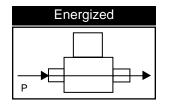


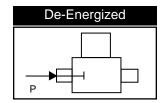
### S211 – 1" NPT, Stainless Steel Body Type 316, Normally Closed

## Valve Selection List

Normally Closed







Size	Operating Pressure Differential (psi)  Maximum							(ps	i)	k emp.	al	Power Consumption		Model Code			
Pipe Si	Orifice		imum	Air/	Gas	Wa	ater	Ligh	nt Oil	Ste	am*	Max Fluid Temp.	Material	(Watts)		( 120V/60HZ — 110V/50HZ ) Shown	
NPT	IN	C <sub>v</sub>	Minim	AC	DC	AC	DC	AC	DC	AC	DC	۴	l aal		DC	Stainless Steel Body Type 316	
	1	13	5	200	150	150	150	_	_	_	_	295	EPR	8	9	S211GF02E7FG9	
4	1	13	5	200	150	150	150	100	100	_	_	180	Nitrile	8	9	S211GF02J7FG9	
ı	1	13	5	200	150	150	150	100	100	_	_	230	Viton	8	9	S211GF02L7FG9	
	1	13	5	_	_	_	_	_	_	50*	50*	295	EPR	8	9	S211GH02E7FG9	

<sup>\*</sup> 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	1	G	F	0 2	E	7	F	<b>G</b> 9
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S21		1: Normally Closed * 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	F: 1" NPT	G9: 1"

Coil Family							
Type	Size						
ALL	S3						

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	36	36
	Holding	13	14

### **S27 Series**



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



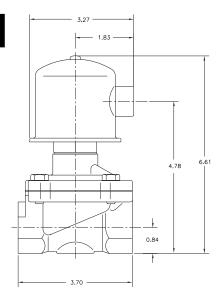
Materials	Seals:		Nitrile, Viton®, Ethylene Propylene				
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 1"				
Electrical	Standard Hou	ısing:	Conduit (NEMA 1)				
	Optional Hous	sings:	Watertight (NEMA 4), Junction Box. Contact GC Valves Customer Service for others.				
	Standard Volt	ages: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

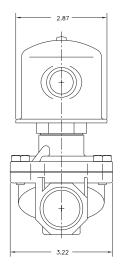
<sup>\*</sup> Not available for all variations

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# **Dimensions/Weight**

Weight (lbs.) 5.1



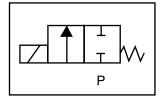


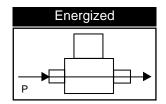


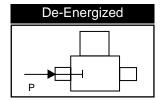
### S271 – 1" NPT, Stainless Steel Body, Type 316 Normally Closed

# Valve Selection List

Normally Closed







Size	Size		Operating Pressure Differential (psi)  Maximum							(ps	i)	k emp.	rial	Power Consumption		Model Code	
Pipe Si	Orifice		шn	Air/	Gas	Wa	ater	Ligh	t Oil	Ste	am*	Max Fluid Temp.	Material	(Watts)		( 120V/60HZ — 110V/50HZ ) Shown	
nPT_	IN	C <sub>V</sub>	Minim	AC	DC	AC	DC	AC	DC	AC	DC		eal		DC	Stainless Steel Body Type 316	
	1	13	0	125	125	100	50	_	_	_	_	295	EPR	17.5	22.5	S271AF02E7FG9	
4	1	13	0	125	125	100	100	70	70	_	_	180	Nitrile	17.5	22.5	S271AF02J7FG9	
ı	1	13	0	125	125	100	100	70	70	_	_	230	Viton	17.5	22.5	S271AF02L7FG9	
	1	13	0	_	_	_	_	_	_	50*		295	EPR	17.5	_	S271AH02E7FG9	

<sup>\*</sup> Class H Coil Recommended for Steam and Other High Temperature Applications

# **Part Numbering**

1	2	3	4	5	6	7 8	9	10	11	12 13
S	2	7	1	Α	F	0 2	E	7	F	<b>G</b> 9
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
	S27		1: Normally Closed * Se		H: Class H	02: 120/60 110/50 " for additional v	E: EPR J: Nitrile L: Viton oltages, vari	7: 316 SS ations and op	F: 1" NPT	G9: 1"

#### **Coil Data**

Coil Family

Type	Size
All	S5

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



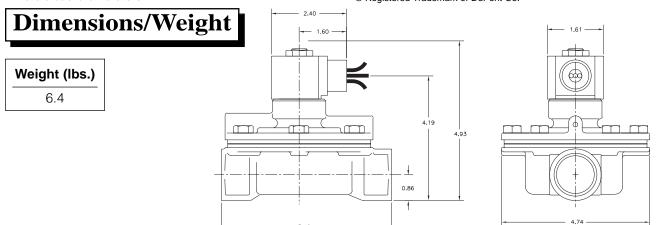
- High Performance
- 1" NPT
- Stainless Steel Body Type 316
- 2-Way Piloted Diaphragm
- Normally Closed



Materials	Seals:		Nitrile, Teflon®					
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 1"					
Electrical	Standard Ho	ousing:	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	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	minal):	32°F to 125°F					
Mounting	Position:		±15° From Vertical					
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved					

\* Not available for all variations

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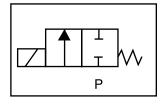


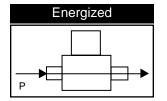


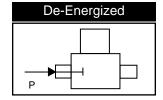
### S211 – High Performance, 1" NPT, Stainless Steel Body-Type 316, Normally Closed

### Valve Selection List

Normally Closed







	7e		С	pera	ting F	ress			ential	(psi	)	٥.		Po	wer	Model Code			
Size	e Size						Иахіг					Max id Temp	rial	Consumption (Watts)		( 120V/60HZ — 110V/50HZ )			
Pipe	Orifice		Ш	Air/	Gas	Wa	iter	Ligh	t Oil	Ste	am*	M Juid	Mateı			Shown )			
		C <sub>v</sub>	<b>dinim</b>	AC	DC	AC	DC	AC	DC	AC	DC	ш	Seal	AC	DC	Stainless Steel Body			
NPT	IN	$C_V$	Σ									°F	ű			Type 316			
	1	13	10	250	150	250	150	250	150	l	_	180	Nitrile	8	9	S211GF02N1FG9			
1	1	13	10							150*	150*	366	Teflon	8	9	S211GH02T1FG9			

<sup>\*</sup> 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	1	G	F	0 2	N	1	F	<b>G</b> 9	
	Series		Operating Mode	Housing*	Coil Class* Voltage*		Seal Material			Orifice Size	
	S21		1: Normally Closed		H: Class H 110/50		N: Nitrile T: Teflon/ EPR	1: Stainless Steel		G9: 1"	
			* See the "Engineering Guide" for additional voltages, variations and options.								

#### **Coil Data**

Coil Family

Type	Size
All	S3

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	36	36
	Holding	13	14