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GC Valves — S40 Series Piloted Piston Valves Overview

Mountain Controls is proud to offer quality solenoid valves from GC valves. The S40 Series features the following:

- 2-way piloted piston valves
- Available in normally closed and normally open operation modes
- Vacuum to 300 psi
- Cv to 18.75
- Orifices to 1-1/8"
- Brass or stainless steel body
- · Buna, Teflon, or Viton seals
- 1/4" to 1-1/4" NPT ports

Specifications in this guide:

- S401 1/4" NPT, Brass Body, 2-Way Piloted Piston, Normally Closed
- S401 1/4" NPT, Stainless Steel Body, 2-Way Piloted Piston, Normally Closed
- H401 1/4" NPT, Stainless Steel Body, 2-Way High Pressure Piloted Piston, Normally Closed
- S402 1/4" NPT, Brass Body, 2-Way Piloted Piston, Normally Open
- S402 1/4" NPT, Stainless Steel Body, 2-Way Piloted Pison, Normally Open
- H402 1/4" NPT, Stainless Steel Body, 2-Way High Pressure Piloted Piston, Normally Open
- S401 3/8" NPT, Brass Body, 2-Way Piloted Piston, Normally Closed
- S401 3/8" NPT, Stainless Steel Body, 2-Way Piloted Piston, Normally Closed
- H401 3/8" NPT, Stainless Steel Body, 2-Way High Pressure Piloted Piston, Normally Closed
- S402 3/8" NPT, Brass Body, 2-Way Piloted Piston, Normally Open
- S402 3/8" NPT, Stainless Steel Body, 2-Way Piloted Piston, Normally Open
- S401 1/2" NPT, Brass Body, 2-Way Piloted Piston, Normally Closed
- S401 1/2" NPT, Stainless Steel Body, 2-Way Piloted Piston, Normally Closed
- H401 1/2" NPT, Stainless Steel Body, 2-Way High Pressure Piloted Piston, Normally Closed
- S402 1/2" NPT, Brass Body, 2-Way Piloted Piston, Normally Open
- S402 1/2" NPT, Stainless Steel Body, 2-Way Piloted Piston, Normally Open
- S401 1" NPT, Brass Body, 2-Way Piloted Piston, Normally Closed
- S401 1-1/4" NPT, Brass Body, 2-Way Piloted Piston, Normally Closed

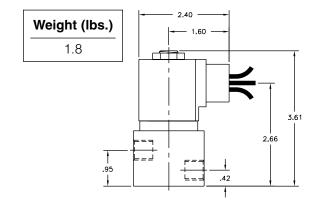


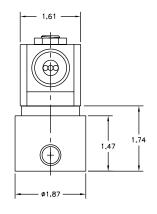
- 1/4" NPT
- 2-Way Piloted Piston
- Brass Body
- Normally Closed

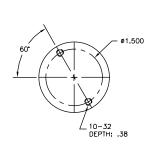


Materials	Seals:	Nitrile, Viton®, Teflon®, Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single 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 Safety Shutoff, UL Listed, UL Recognized, CSA Approved, FM Certified

^{*} Not available for all variations







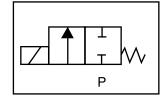
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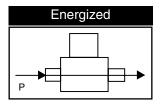


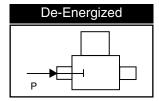
S401 – 1/4" NPT, Brass Body, Normally Closed

Valve Selection List

Normally Closed







Ze	Operating Pressure Differential (psi) Maximum								Max Fluid Temp.	la.	Power Consumption		Model Code					
Pipe Size	Orifice (unu	Air/	Gas	Wa	ater Light Oil		#5 and #6 Heated Fuel Oil		Stea	Steam*		Material	(Watts)		(120V/60HZ — 110V/50HZ) Shown	
NPT_	IN	C _v	Minim	AC	DC	AC	DC	AC	DC	AC	DC	AC		°F	Seal	AC	DC	Brass Body
	3/8	1.1	0	300	150	300	150	_	_	_	_	_	_	295	EPR	10	10	S401GF02C9BF5
	3/8	1.1	0	300	150	300	150	300	150	300	150	_	_	180	Nitrile	10	10	S401GF02N9BF5
4 / 4	3/8	1.1	0	300	150	300	150	300	150	300	150	_	_	230	Viton	10	10	S401GF02V9BF5
1/4	3/8	1.1	0	300	150	300	150	300	150	300	150	_	_	366	Teflon	10	10	S401GF02T9BF5
	3/8	1.1	0	_	_	_	_	_	_	_	_	50*	50*	295	EPR**	10	10	S401GH02E9BF5
	3/8	1.1	0	_	_	_		_		_	_	150*	150*	366	Teflon**	10	9	S401GH02S9BF5

^{*} 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 4	0	1	G	F	0 2	C	9	В	F 5
Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
\$40		1: Normally Closed * Se		F: Class F H: Class H eering Guide	02: 120/60 110/50 " for additional v	C: EPR N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	9: Brass ations and op	B: 1/4" NPT	F5: 3/8"

^{**}For Steam Service

Coil Data

Туре	Size
All	S4

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

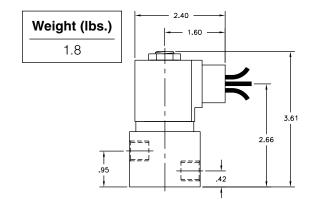


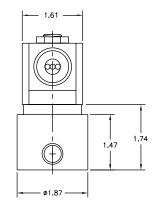
- 1/4" NPT
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Closed

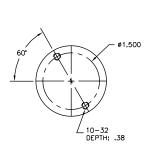


Materials	Seals:		Nitrile, Viton®, Teflon®, Ethylene Propylene						
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"						
Electrical	Standard Hou	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)						
	Optional Hou	sings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.						
	Standard Vol	tages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; 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:		Any						
Approvals*	Agency:		UL Safety Shutoff, UL Listed, UL Recognized, CSA Approved, FM Certified						

^{*} Not available for all variations







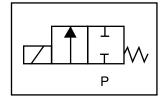
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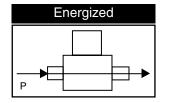


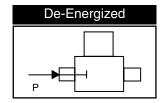
S401 – 1/4" NPT, Stainless Steel Body, Normally Closed

Valve Selection List

Normally Closed







Size	e Size		C	Operating Pressure Differential (psi) Maximum #5 and #6					i)	Max Fluid Temp.	erial	Power Consumption		Model Code (120V/60HZ — 110V/50HZ)		
Pipe (Orifice		mnı	Air/	Gas	Wa	Water				am*	Mini-	Material	(Watts)		Shown)
NPT	IN	C _V	Minimum	AC	DC	AC	DC	AC	DC	AC	DC		Seal	AC	DC	Stainless Steel Body
	3/8	1.1	0	300	150	300	150	_	_	_	_	295	EPR	10	10	S401GF02C1BF5
	3/8	1.1	0	300	150	300	150	300	150	_		180	Nitrile	10	10	S401GF02N1BF5
1/4	3/8	1.1	0	300	150	300	150	300	150	_		230	Viton	10	10	S401GF02V1BF5
1/4	3/8	1.1	0	300	150	300	150	300	150	_		366	Teflon	10	10	S401GF02T1BF5
	3/8	1.1	0	_	_	_		_	_	50*	50*	295	EPR**	10	10	S401GH02E1BF5
	3/8	1.1	0	_	_	_	_	_	_	150*	150*	366	Teflon**	10	9	S401GH02S1BF5

* 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 4 0	1	G	F	0 2	C	1	В	F 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S40	1: Normally Closed * Se	G: Conduit	H: Class H	02: 120/60 110/50 *" for additional v	C: EPR N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	1: Stainless Steel	B: 1/4" NPT	F5: 3/8"

**For Steam Service

Coil Data

	<u>anny</u>
Type	Size
All	S4

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

H40 Series



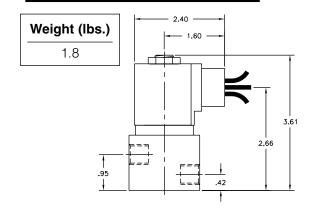
H401

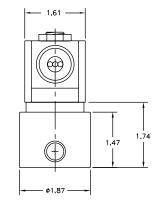
- 1/4" NPT
- High Pressure
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Closed

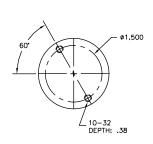


Materials	Seals:		Viton® and Teflon®
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Ho	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	usings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; 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:		Any
Approvals*	Agency:		UL Recognized

^{*} Not available for all variations







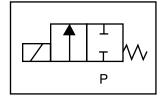
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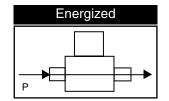


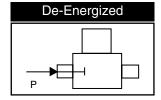
H401 – High Pressure, 1/4" NPT, Stainless Steel Body, Normally Closed

Valve Selection List

Normally Closed







Φ	Size		C	peratii	ng Pre	essure Differential (psi) Maximum				np.		Power		Model Code	
Pipe Size	Orifice S		шn	Air/0	Gas		ater	Ligh	t Oil	Max luid Temp	Material	Consumption (Watts)		(120V/60HZ — 110V/50HZ) Shown	
⊾ NPT	O IN	c _v	Minim	AC	DC	AC	DC	AC	DC	°F	Seal N	AC	DC	Stainless Steel Body	
1/4	3/8	1.1	0	2200	2200	2200	2200	2200	2200	230	Viton/ Teflon	10	10	H401GF02Z1BF5	

Part Numbering

1 2 3	4	5	6	7 8	9	10	11	12 13
H 4 0	1	G	F	0 2	Z	1	В	F 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
H40	1: Normally Closed * Se			02: 120/60 110/50 e" for additional	Z: Viton/ Teflon voltages, var	1: Stainless Steel	B: 1/4" NPT	F5: 3/8"

Coil Data

	,
Type	Size
All	S4

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

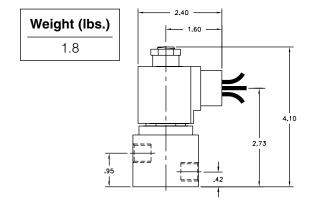


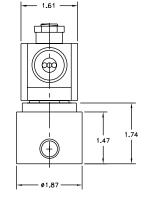
- 1/4 NPT
- 2-Way Piloted Piston
- Brass Body
- Normally Open

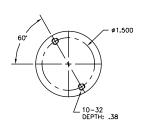


Seals:		Nitrile, Viton®, Teflon®, Ethylene Propylene					
Orifice: Pilot Main		Stainless Steel Stainless Steel Ø 3/8"					
Standard Ho	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
Optional Hou	ısings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
Standard Vol	tages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; 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					
Ambient (No	minal):	32°F to 125°F					
Position:		Any					
Agency:		UL Listed, UL Recognized, CSA Approved					
	Orifice: Standard Ho Optional Hou Standard Vol Voltage Toler Coil Classes Standard Lea Ambient (No Position:	Orifice: Pilot Main Standard Housing: Optional Housings: Standard Voltages: Voltage Tolerance: Coil Classes: Standard Lead Length: Ambient (Nominal): Position:					

^{*} Not available for all variations







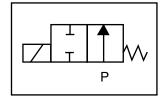
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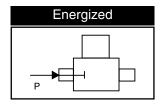


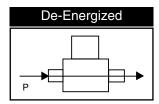
S402 – 1/4" NPT, Brass Body, Normally Open

Valve Selection List

Normally Open







	ø.		Operating Pressure Differential (psi)							(psi)			Power		Model Code		
Size	Size						∕laxin			ı		×	<u>ia</u>	_	mption	(120V/60HZ — 110V/50HZ)		
Pipe S	Orifice		mnı	Air/	Gas	Wa	ater	Hea	nd #6 ated I Oil	Ste	am*	Max Iuid Temp.	Materia	(Watts)		Shown Shown		
NPT	IN	C _V	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	д <mark>Б</mark>		DC	Brass Body		
	3/8	.8	0	300	150	300	150	_	_	_	_	295	EPR	10	10	S402GF02C9BF5		
	3/8	.8	0	300	150	300	150	300	150		_	180	Nitrile	10	10	S402GF02N9BF5		
1/4	3/8	.8	0	300	150	300	150	300	150		_	230	Viton	10	10	S402GF02V9BF5		
1/4	3/8	.8	0	300	150	300	150	300	150	_	_	366	Teflon	10	10	S402GF02T9BF5		
	3/8	.8	0			_		_		50*	50*	295	EPR**	10	10	S402GH02E9BF5		
	3/8	.8	0	_	_	_		_		150*	150*	366	Teflon**	10	9	S402GH02S9BF5		

^{*} 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 4 0	2	G	F	0 2	C	9	В	F 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	I I	Body Material	Pipe Connection	Orifice Size
S40	2: Normally Open * Se		H: Class H	02: 120/60 110/50 e" for additional	N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	9: Brass iations and o	B: 1/4" NPT ptions.	F5: 3/8"

^{**}For Steam Service

Coil Data

Type Size
All S4

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	22	25

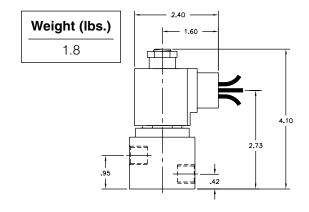


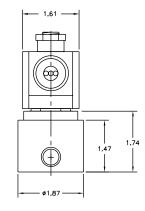
- 1/4" **NPT**
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Open

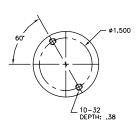


Materials	Seals:		Nitrile, Viton®, Teflon®, Ethylene Propylene					
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"					
Electrical	Standard Hou	ısing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Hous	sings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction 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:		Any					
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved					

^{*} Not available for all variations







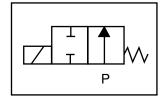
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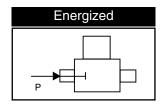


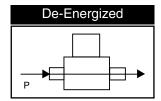
S402 – 1/4" NPT, Stainless Steel Body, Normally Open

Valve Selection List

Normally Open







	ē.		Operating Pressure Differential (psi)							Po	wer	Model Code					
Size	Size						Maxin		- d 110	ı		x emp	يق	_	mption	(120V/60HZ — 110V/50HZ)	
Pipe S	Orifice		mnı	Air/	Gas	Wa	ater	#5 ar Hea Fue	ated	Ste	am*	Ma Iuid T	Max Fluid Temp.		atts)	Shown Shown	
NPT	IN	C _v	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	Seal T		AC	DC	Stainless Steel Body	
	3/8	.8	0	300	150	300	150	_	_	_	_	295	EPR	10	10	S402GF02C1BF5	
	3/8	.8	0	300	150	300	150	300	150		_	180	Nitrile	10	10	S402GF02N1BF5	
1/4	3/8	.8	0	300	150	300	150	300	150	_	_	230	Viton	10	10	S402GF02V1BF5	
1/4	3/8	.8	0	300	150	300	150	300	150	_	_	366	Teflon	10	10	S402GF02T1BF5	
	3/8	.8	0			_		_		50*	50*	295	EPR**	10	10	S402GH02E1BF5	
	3/8	.8	0	_	_	_		_		150*	150*	366	Teflon**	10	9	S402GH02S1BF5	

^{*} 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 4 0	2	G	F	0 2	C	1	В	F
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S40	2: Normally Open * Se		H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	1: Stainless Steel		F5: 3/8"

^{**}For Steam Service

Coil Data

Type	Size
All	S4

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	22	25

H40 Series



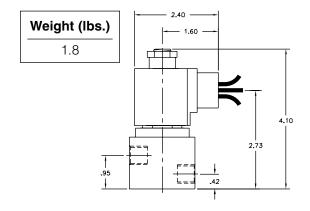
H402

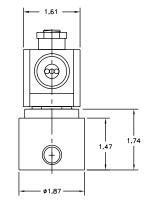
- 1/4" NPT
- High Pressure
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Open

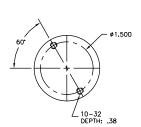


Materials	Seals:		Viton® and Teflon®
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Ho	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	usings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; 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:		Any
Approvals*	Agency:		UL Recognized

^{*} Not available for all variations







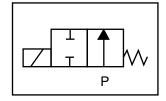
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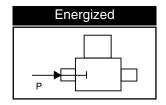


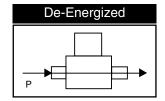
H402 – High Pressure, 1/4" NPT, Stainless Steel Body, Normally Open

Valve Selection List

Normally Open







Size	Size		С	peratir	ng Pre		Differe mum	ntial (p	osi)	k amp.	rial	Pov Consu		Model Code
Pipe Si	Orifice		unı	Air/0	Gas	Water Light C		t Oil	Max Fluid Temp.	Materi	(Wa	٠. ا	(120V/60HZ — 110V/50HZ Shown	
NPT	IN	C _v	Minim	AC	DC	AC	DC	AC DC		°F	Seall	AC	DC	Stainless Steel Body
1/4	3/8	.8	0	2200	2200	2200	2200	2200	2200	230	Viton/ Teflon	10	10	H402GF02Z1BF5

Part Numbering

		5	6	1	8	9	10	11	12 13
H 4 0	2	G [F	0 2	2	Z	1	B	F 5
Series	Mode				*	Seal Material	Body Material	Pipe Connection	Orifice Size
	Open	Conduit F: (02: 120/6 110/5 ' for addition	50	Teflon	1: Stainless Steel	B: 1/4" NPT	F5: 3/8"

Coil Data

Coll F	amily
Type	Size
All	S4

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

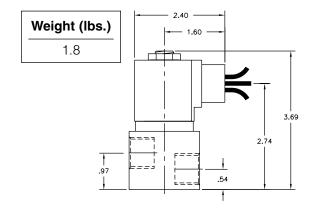


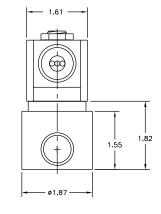
- 3/8" NPT
- 2-Way Piloted Piston
- Brass Body
- Normally Closed

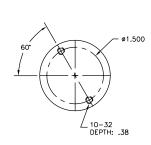


Materials	Seals:	Nitrile, Viton®, Teflon®, Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single 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 Safety Shutoff, UL Listed, UL Recognized, CSA Approved, FM Certified

^{*} Not available for all variations







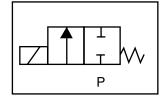
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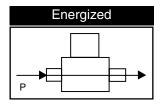


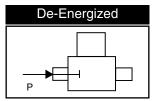
S401 – 3/8" NPT, Brass Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size			С)pera	ating		sure aximı		renti	ential (psi)				le.	Power Consumption		Model Code
Pipe Si.	Orifice		mnı	Air/	Gas	Wa	Water Light Oil		#5 and #6 Heated Fuel Oil		Steam*		Max Fluid Temp.	Material		atts)	(120V/60HZ — 110V/50HZ) Shown	
NPT	IN	C _v	Minim	AC	DC	AC	DC	AC	DC	AC	DC	AC		°F	Seall	AC	DC	Brass Body
	3/8	1.5	0	300	150	300	150	_	_	_	_	_	_	295	EPR	10	10	S401GF02C9CF5
	3/8	1.5	0	300	150	300	150	300	150	300	150	_	_	180	Nitrile	10	10	S401GF02N9CF5
3/8	3/8	1.5	0	300	150	300	150	300	150	300	150	_	_	230	Viton	10	10	S401GF02V9CF5
3/6	3/8	1.5	0	300	150	300	150	300	150	300	150	_	_	366	Teflon	10	10	S401GF02T9CF5
	3/8	1.5	0	_	_	_	_	_	_	_	_	50*	50*	295	EPR**	10	10	S401GH02E9CF5
	3/8	1.5	0	_	_	_	_	_	_	_	_	150*	150*	366	Teflon**	10	9	S401GH02S9CF5

^{*} 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 4 0	1	G	F	0 2	C	9	C	F 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S40	1: Normally Closed * Se		H: Class H	02: 120/60 110/50 " for additional v	C: EPR N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	9: Brass ations and op	C: 3/8" NPT	F5: 3/8"

^{**}For Steam Service

Coil Data

Coil Family

Type Size

All S4

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

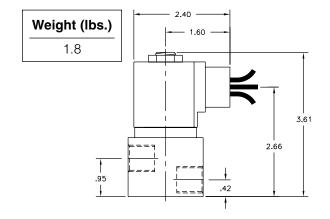


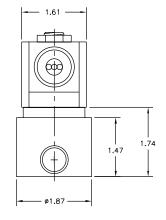
- 3/8" NPT
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Closed

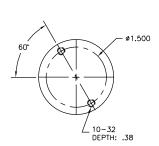


Materials	Seals:		Nitrile, Viton®, Teflon®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Hou	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	sings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Vol	tages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; 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:		Any
Approvals*	Agency:		UL Safety Shutoff, UL Listed, UL Recognized, CSA Approved, FM Certified

^{*} Not available for all variations







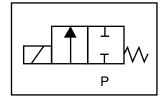
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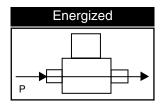


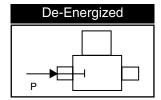
S401 – 3/8" NPT, Stainless Steel Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size		C	pera	ting F		ure [Maxin	num		(ps	i)	x emp.	ial	_	wer mption	Model Code 120V/60HZ — 110V/50HZ		
Pipe S	Orifice		unu	Air/	Gas	Wa	ater	#5 and #6 Heated Fuel Oil		Steam*		Steam*		Max Fluid Temp.	Material	(Wa	atts)	Shown
NPT	IN	C _v	Minimum	AC	DC	AC	DC	AC	DC	AC	DC		Seal	AC	DC	Stainless Steel Body		
	3/8	1.5	0	300	150	300	150	_	_	_	_	295	EPR	10	10	S401GF02C1CF5		
	3/8	1.5	0	300	150	300	150	300	150	_		180	Nitrile	10	10	S401GF02N1CF5		
3/8	3/8	1.5	0	300	150	300	150	300	150	_		230	Viton	10	10	S401GF02V1CF5		
3/0	3/8	1.5	0	300	150	300	150	300	150	_		366	Teflon	10	10	S401GF02T1CF5		
	3/8	1.5	0	_	_	_	_	_	_	50*	50*	295	EPR**	10	10	S401GH02E1CF5		
	3/8	1.5	0	_	_	_	_	_	_	150*	150*	366	Teflon**	10	9	S401GH02S1CF5		

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

Part Numbering

Series Operating Mode Housing* Coil Class* Voltage* Seal Material Material Pipe Connection Orifice Size S40 1: Normally Closed G: Conduit F: Class F H: Class H H: Class H H: Class H * See the "Engineering Guide" for additional voltages, variations and options.	1	2	3	4	5	6	7 8	9	10	11	12 13
Series Mode Housing Coll Class Voltage Material Material Connection Office Size S40 1: Normally Closed F: Class F H: Class H H: Class H H: Class H Steel V: Viton T: Teflon E: EPR** S: Teflon**	S	4	0	1	G	F	0 2	C	1	C	F 5
Closed H: Class H 110/50 N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	Se	eries			Housing*	Coil Class*	Voltage*	I	,		Orifice Size
		S40		Closed		H: Class H	110/50	N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	Steel		F5: 3/8"

^{**}For Steam Service

Coil Data

	,
Type	Size
All	S4

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

H40 Series



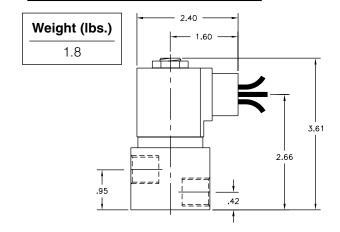
H401

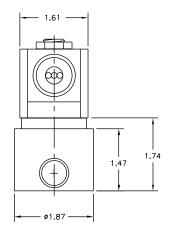
- 3/8" NPT
- High Pressure
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Closed

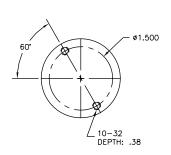


Materials	Seals:		Viton® and Teflon®					
		Pilot Main	Stainless Steel Stainless Steel Ø 3/8"					
Electrical	Standard Hous	sing:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Hous	ings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.					
	Standard Volta	ages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.					
	Voltage Tolera	nce:	±10% of applicable voltage					
	Coil Classes:		F, H, N					
	Standard Lead	d Length:	24 inch					
Operating Temperature	Ambient (Nom	inal):	32°F to 125°F					
Mounting	Position:		Any					
Approvals*	Agency:		UL Recognized					

^{*} Not available for all variations







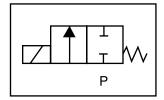
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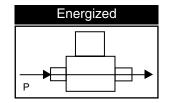


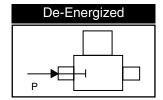
H401 – High Pressure, 3/8" NPT, Stainless Steel Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size		C	peratir	ng Pre		Differe mum	ntial (p	osi)	mp.	rial	Pov	-	Model Code			
Pipe Si	Orifice		unı	Air/0	Gas	Wa	ater	Ligh	t Oil	Max Iuid Temp.	Materi	Consumption (Watts)		·		(120V/60HZ — 110V/50HZ) Shown	
NPT	IN	C _v	Minim	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC	Stainless Steel Body			
3/8	3/8	1.5	0	2200	2200	2200	2200	2200	2200	230	Viton/ Teflon	10	10	H401GF02Z1CF5			

Part Numbering

H 4 0 1							
		[F]	0 2	Z	1	C	F 5
Series Opera Mod		Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
H40 1: Norr Clos	ed	F: Class F	02: 120/60 110/50 e" for additional v	Z: Viton/ Teflon /oltages, var	1: Stainless Steel	C: 3/8" NPT	F5: 3/8"

Coil Data

Type	Size
All	S4

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

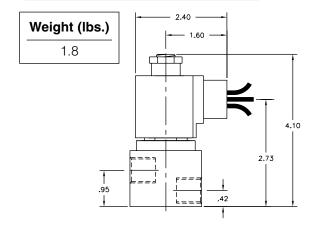


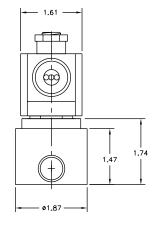
- 3/8" NPT
- 2-Way Piloted Piston
- Brass Body
- Normally open

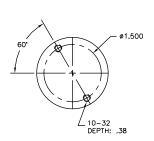


Materials	Seals:		Nitrile, Viton®, Teflon®, Ethylene Propylene					
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"					
Electrical	Standard Ho	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Hou	isings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction 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 6, 12, 24 DC; 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 (No	minal):	32°F to 125°F					
Mounting	Position:		Any					
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved					

^{*} Not available for all variations





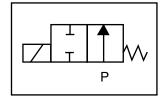


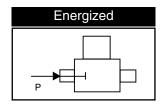
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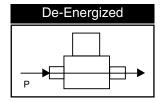
S402 – 3/8" NPT, Brass Body, Normally Open

Valve Selection List

Normally Open







Pipe Size	Orifice Size				ting F Gas	ľ	ure [Maxin ater	num #5 ai	ential ond #6 ated I Oil	(psi	,	Max Fluid Temp.	Material	Consu	wer imption atts)	Model Code (120V/60HZ — 110V/50HZ) Shown
i⊑ NPT	Ō IN	C _v	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	Ē °F	Seal N	AC	DC	Brass Body
	3/8	1.0	0	300	150	300	150	_	_	_	_	295	EPR	10	10	S402GF02C9CF5
	3/8	1.0	0	300	150	300	150	300	150	_		180	Nitrile	10	10	S402GF02N9CF5
3/8	3/8	1.0	0	300	150	300	150	300	150	_		230	Viton	10	10	S402GF02V9CF5
3/6	3/8	1.0	0	300	150	300	150	300	150	_		366	Teflon	10	10	S402GF02T9CF5
	3/8	1.0	0	_	_	_	_	_	_	50*	50*	295	EPR**	10	10	S402GH02E9CF5
	3/8	1.0	0	_	_	_		_		150*	150*	366	Teflon**	10	9	S402GH02S9CF5

^{*} 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 4 0	2	G	F	0 2	C	9	C	F 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S40	2: Normally Open * Se		H: Class H	02: 120/60 110/50 e" for additional	N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	9: Brass iations and o	C: 3/8" NPT ptions.	F5: 3/8"

^{**}For Steam Service

Coil Data

Type	Size
All	S4

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	22	25

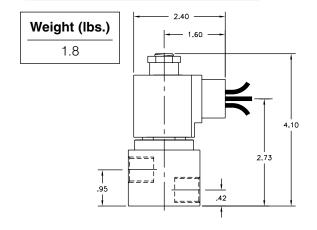


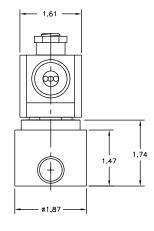
- 3/8" NPT
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Open

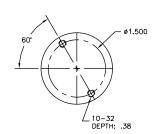


Materials	Seals:		Nitrile, Viton®, Teflon®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Ho	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	usings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single 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:		Any
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

^{*} Not available for all variations







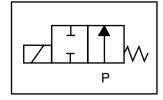
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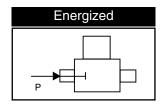


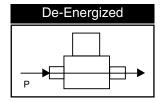
S402 – 3/8" NPT, Stainless Steel Body, Normally Open

Valve Selection List

Normally Open







Pipe Size	Orifice Size			Operating Pressure D Maxim Air/Gas Water			\(\(\frac{1}{7}\)			Max Fluid Temp.	Material	Power Consumption (Watts)		Model Code (120V/60HZ — 110V/50HZ) Shown		
NPT	O IN	C _v	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	a		DC	Stainless Steel Body
	3/8	1.0	0	300	150	300	150	_	_	_	_	295	EPR	10	10	S402GF02C1CF5
	3/8	1.0	0	300	150	300	150	300	150	_		180	Nitrile	10	10	S402GF02N1CF5
0/0	3/8	1.0	0	300	150	300	150	300	150	_		230	Viton	10	10	S402GF02V1CF5
3/8	3/8	1.0	0	300	150	300	150	300	150	_	_	366	Teflon	10	10	S402GF02T1CF5
	3/8	1.0	0	_	_	_	_	_	_	50*	50*	295	EPR**	10	10	S402GH02E1CF5
	3/8	1.0	0	_	_	_	_	_	_	150*	150*	366	Teflon**	10	9	S402GH02S1CF5

^{*} 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 4 0	2	G	F	02	C	1	C	F 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S40	2: Normally Open * Se		H: Class H	02: 120/60 110/50 e" for additional	C: EPR N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon** voltages, val	1: Stainless Steel riations and o	C: 3/8" NPT ptions.	F5: 3/8"

^{**}For Steam Service

Coil Data

Type	Size
All	S4

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	22	25

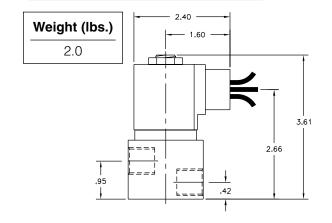


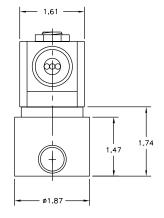
- 1/2" NPT
- 2-Way Piloted Piston
- Brass Body
- Normally Closed

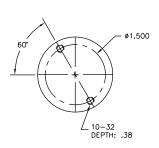


Materials	Seals:	Nitrile, Viton®, Teflon®, Ethylene Propylene
	Orifice: Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single 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 Safety Shutoff, UL Listed, UL Recognized, CSA Approved, FM Certified

^{*} Not available for all variations







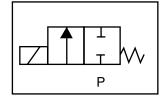
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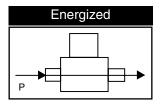


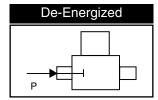
S401 – 1/2" NPT, Brass Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size			Operating Pressure Differential (psi) Maximum							mp.	al	Pov		Model Code				
Pipe Si.	Orifice		mnı	Air/0	Gas	Wa	Water Ligh		t Oil	Oil Heated Fuel Oil		Steam*		Max Fluid Temp.	Material	Consumption (Watts)		(120V/60HZ — 110V/50HZ) Shown	
NPT	IN	c _v	Minim	AC	DC	AC	DC	AC	DC	AC	DC	AC		°F	Seall	AC	DC	Brass Body	
	3/8	1.5	0	300	150	300	150		_				_	295	EPR	10	10	S401GF02C9DF5	
	3/8	1.5	0	300	150	300	150	300	150	300	150	_	_	180	Nitrile	10	10	S401GF02N9DF5	
1/0	3/8	1.5	0	300	150	300	150	300	150	300	150	_	_	230	Viton	10	10	S401GF02V9DF5	
1/2	3/8	1.5	0	300	150	300	150	300	150	300	150	_	_	366	Teflon	10	10	S401GF02T9DF5	
	3/8	1.5	0	_	_	_			_	_		50*	50*	295	EPR**	10	10	S401GH02E9DF5	
	3/8	1.5	0	_	_	_	_	_	_	_	_	150*	150*	366	Teflon**	10	9	S401GH02S9DF5	

^{*} 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 4 0	1	G	F	0 2	C	9	D	F 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S40	1: Normally Closed * Se	G: Conduit	H: Class H	02: 120/60 110/50 " for additional v	C: EPR N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	9: Brass ations and op	D: 1/2" NPT	F5: 3/8"

^{**}For Steam Service

Coil Data

Type	Size
All	S4

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

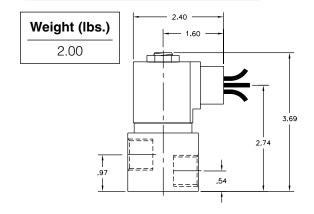


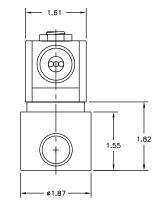
- 1/2" NPT
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Closed

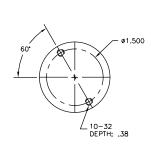


Materials	Seals:		Nitrile, Viton®, Teflon®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Hou	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	sings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Vol	tages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; 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:		Any
Approvals*	Agency:		UL Safety Shutoff, UL Listed, UL Recognized, CSA Approved, FM Certified

^{*} Not available for all variations







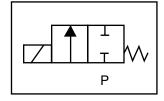
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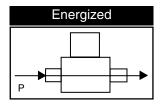


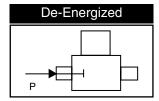
S401 – 1/2" NPT, Stainless Steel Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size		C	Operating Pressure Differential (psi) Maximum						i)	k emp.	ial	Power Consumption		Model Code	
Pipe Si	Orifice		шn	Air/	Gas	Wa	ater	er Heated Steam		am	Max Fluid Temp.		(Watts)		(120V/60HZ — 110V/50HZ) Shown	
NPT	IN	C _v	Minimum	AC	DC	AC	DC	AC	DC	AC	DC		g		DC	Stainless Steel Body
	3/8	1.5	0	300	150	300	150	_	_	_	_	295	EPR	10	10	S401GF02C1DF5
	3/8	1.5	0	300	150	300	150	300	150	_		180	Nitrile	10	10	S401GF02N1DF5
1/2	3/8	1.5	0	300	150	300	150	300	150	_		230	Viton	10	10	S401GF02V1DF5
1/2	3/8	1.5	0	300	150	300	150	300	150	_		366	Teflon	10	10	S401GF02T1DF5
	3/8	1.5	0		_	_	_	_	_	50*	50*	295	EPR**	10	10	S401GH02E1DF5
	3/8	1.5	0	_	_	_	_	_	_	150*	150*	366	Teflon**	10	9	S401GH02S1DF5

^{*} 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	4	0	1	G	F	0 2	C	1	D	F 5
	Series		Operating Mode	Housing*	Coil Class*	Voltage*	Seal Body Material Materia		Pipe Connection	Orifice Size
	S40		1: Normally Closed		H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon**	1: Stainless Steel		F5: 3/8"
			* S∈	ee the "Engir I	eering Guide L	e" for additional [.] 	voltages, var I	iations and o	ptions.	

^{**}For Steam Service

Coil Data

Туре	Size
All	S4

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

H40 Series



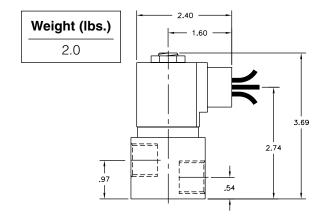
H401

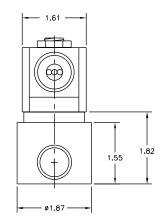
- 1/2" NPT
- High Pressure
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Closed

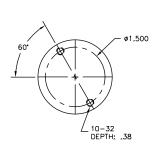


Materials	Seals:		Viton® and Teflon®
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Ho	ousing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	usings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; 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:		Any
Approvals*	Agency:		UL Recognized

^{*} Not available for all variations







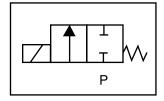
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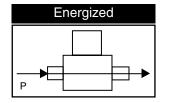


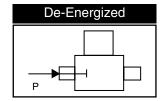
H401 – High Pressure, 1/2" NPT, Stainless Steel Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size		С	Operating Pressure Differential (psi) Maximum						mp.	rial	Power Consumption		Model Code	
Pipe Si	Orifice		unı	Air/0	Gas	Wa	ater	Ligh	t Oil	Max Fluid Temp.	Materia	(Watts)		(120V/60HZ — 110V/50HZ) Shown	
NPT_	IN	C _v	Minim	AC	DC	AC	DC	AC	DC	°F	Seall	AC	DC	Stainless Steel Body	
1/2	3/8	1.5	0	2200	2200	2200	2200	2200	2200	230	Viton/ Teflon	10	10	H401GF02Z1DF5	

Part Numbering

		5 6	7 8	9	10	11	12 13
H 4 0	1 (G F	0 2	Z	1	D	F 5
	Operating House			Seal Material	Body Material	Pipe Connection	Orifice Size
	Closed	onduit F: Class F	02: 120/60 110/50 e" for additional v	Teflon	1: Stainless Steel		F5: 3/8"

Coil Data

	<u> </u>
Type	Size
All	S4

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

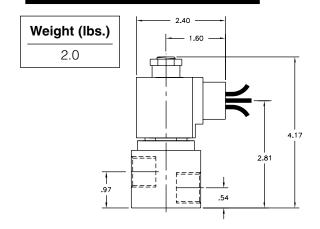


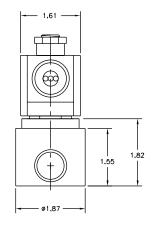
- 1/2" NPT
- 2-Way Piloted Piston
- Brass Body
- Normally Open

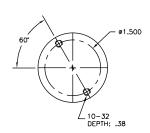


Materials	Seals:		Nitrile, Viton®, Teflon®, Ethylene Propylene
	Orifice:	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"
Electrical	Standard Hou	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Hou	sings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Vol	tages:	24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Toler	ance:	±10% of applicable voltage
	Coil Classes:		F, H, N
	Standard Lea	nd Length:	24 inch
Operating Temperature	Ambient (Nor	ninal):	32°F to 125°F
Mounting	Position:		Any
Approvals*	Agency:		UL Listed, UL Recognized, CSA Approved

^{*} Not available for all variations







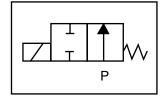
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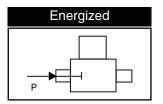


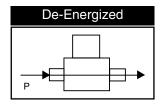
S402 – 1/2" NPT, Brass Body, Normally Open

Valve Selection List

Normally Open







4)	Size		C	pera	ting F				ential	(psi)	.dı		Power		Model Code
Pipe Size	Orifice Si		unu	Air/	Gas	<u> </u>	Maxin ater	#5 ai	nd #6 ated	Stea	am*	Max Iuid Temp.	Material		mption atts)	(120V/60HZ — 110V/50HZ) Shown
NPT	IN	C _v	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	°F	Seal	AC	DC	Brass Body
	3/8	1.0	0	300	150	300	150	_	_	_	_	295	EPR	10	10	S402GF02C9DF5
	3/8	1.0	0	300	150	300	150	300	150	_	_	180	Nitrile	10	10	S402GF02N9DF5
1/2	3/8	1.0	0	300	150	300	150	300	150	_	_	230	Viton	10	10	S402GF02V9DF5
1/2	3/8	1.0	0	300	150	300	150	300	150	_	_	366	Teflon	10	10	S402GF02T9DF5
	3/8	1.0	0	_	_	_	_	_	_	50*	50*	295	EPR**	10	10	S402GH02E9DF5
	3/8	1.0	0	_	_	_	_	_	_	150*	150*	366	Teflon**	10	9	S402GH02S9DF5

^{*} 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 4 0	2	G	F	0 2	C	9	D	F 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S40	2: Normally Open * So		H: Class H	02: 120/60 110/50 e" for additional	C: EPR N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon** voltages, var	9: Brass riations and o	D: 1/2" NPT ptions.	F5: 3/8"

^{**}For Steam Service

Coil Data

Coil Family							
Type	Size						
All	S4						

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	22	25

S40 Series



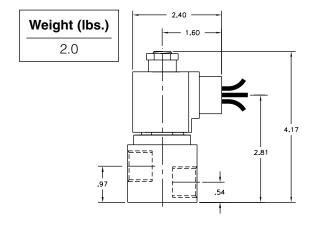
S402

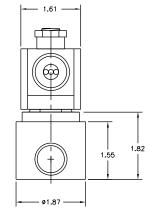
- 1/2" NPT
- 2-Way Piloted Piston
- Stainless Steel Body
- Normally Open

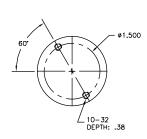


Materials	Seals		Nitrile, Viton®, Teflon®, Ethylene Propylene					
	Orifice	Pilot Main	Stainless Steel Stainless Steel Ø 3/8"					
Electrical	Standard Ho	using:	Encapsulated Waterproof Conduit (NEMA 4/4X)					
	Optional Hou	ısings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction 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 6, 12, 24 DC; 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 (No	minal):	32°F to 125°F					
Mounting	Position		Any					
Approvals* Agency			UL Listed, UL Recognized, CSA Approved					

^{*} Not available for all variations







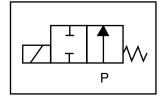
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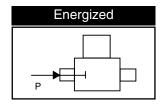


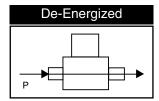
S402 – 1/2" NPT, Stainless Steel Body, Normally Open

Valve Selection List

Normally Open







ø.	Size		C	Operating Pressure Differential (psi) Maximum)	Max Fluid Temp.	=	Power		Model Code
Pipe Size	Orifice S		unı	Air/Gas Water		#5 and #6 Heated St Fuel Oil		Ste	Steam*		Material	Consumption (Watts)		(120V/60HZ — 110V/50HZ) Shown		
NPT_	IN	C _v	Minimum	AC	DC	AC	DC	AC	DC	AC	DC	۴	Seal	AC	DC	Stainless Steel Body
	3/8	1.0	0	300	150	300	150	_	_	_	_	295	EPR	10	10	S402GF02C1DF5
	3/8	1.0	0	300	150	300	150	300	150	_	_	180	Nitrile	10	10	S402GF02N1DF5
1/0	3/8	1.0	0	300	150	300	150	300	150	_	_	230	Viton	10	10	S402GF02V1DF5
1/2	3/8	1.0	0	300	150	300	150	300	150	_	_	366	Teflon	10	10	S402GF02T1DF5
	3/8	1.0	0	_	_	_	_	_	_	50*	50*	295	EPR**	10	10	S402GH02E1DF5
	3/8	1.0	0	_	_	_	_	_	_	150*	150*	366	Teflon**	10	9	S402GH02S1DF5

^{*} 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 4 0	2	G	F	0 2	C	1	D	F 5
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size
S40	2: Normally Open * Se		H: Class H	02: 120/60 110/50	C: EPR N: Nitrile V: Viton T: Teflon E: EPR** S: Teflon** voltages, var	1: Stainless Steel		F5: 3/8"

^{**}For Steam Service

Coil Data

00111	<u> </u>
Type	Size
All	S4

Frequency (Hz)		60	50
Nominal Power (VA)	Inrush	46	46
	Holding	22	25



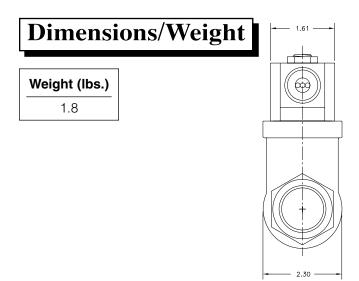
- 1" NPT
- 2-Way Piloted Piston
- Brass Body
- Normally Closed

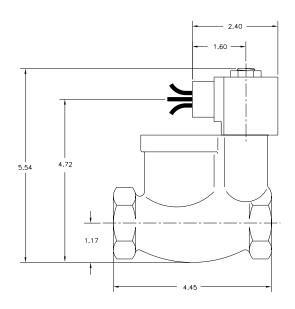


Materials	Seals:	Viton®
	Body:	Brass
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages: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

^{*} Not available for all variations

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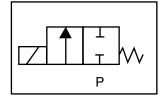


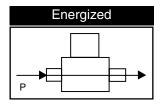


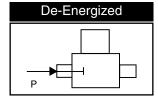
S401 – 1" NPT, Brass Body, Normally Closed

Valve Selection List

Normally Closed

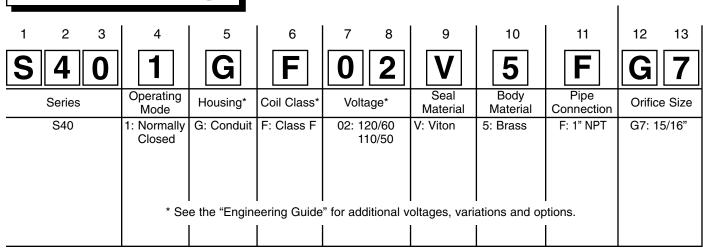






	e.			Operating Pressure Differential (psi)									Po	wer	Model Code		
Size	© Operating Flessure Differential (psi) Maximum							ax Temp	ria		mption	/ 100V/00UZ					
Pipe Si	rifice		Ш	Air/	Gas	Wa	ıter	Ligh	t Oil	Hea	nd #6 ated I Oil	∑pin	Materi	l .	atts)	(120V/60HZ — 110V/50HZ) Shown	
_	0		Minim	AC	DC	AC	DC	AC	DC	AC	DC	<u> </u>	eal	AC	DC	Brass Body	
NPT	IN	C_{V}	Σ	70	ВС	Α0	ВС	70	AC DC		ВС	°F	ű				
1	15/16	11.5	5	100	100	100	100	100 100 100		150	100	230	Viton	10	10	S401GF02V5FG7	

Part Numbering



Coil Data

Type Size
All S4

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

S40 Series



S401

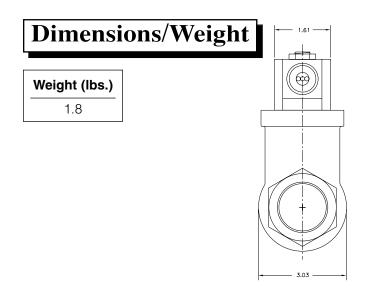
- 1-1/4" NPT
- 2-Way Piloted Piston
- Brass Body
- Normally Closed

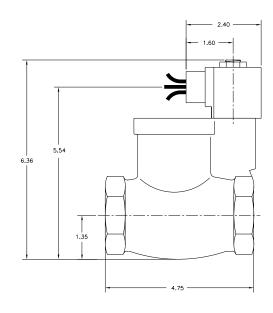


Materials	Seals:	Viton®
	Body:	Brass
Electrical	Standard Housing:	Encapsulated Waterproof Conduit (NEMA 4/4X)
	Optional Housings:	Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others.
	Standard Voltages: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

^{*} Not available for all variations

[®] Registered Trademark of DuPont Co.



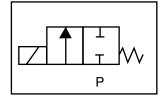


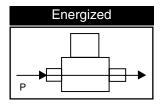


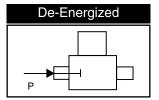
S401 – 1 1/4" NPT, Brass Body, Normally Closed

Valve Selection List

Normally Closed







Size	Size			Op	oeratin		ssure l laximu		ential (psi)		ax Temp.	<u></u>		wer mption	Model Code
Pipe Si	Orifice		mnı	Air/	Gas	Wa	ıter	Ligh	t Oil	Hea	nd #6 ated el Oil	ןסַ, ≥			(Watts) (120V/60HZ — 110V Shown	
NPT	IN	c _v	Minin	AC	DC	AC	DC	AC			°F	Seal	AC	DC	Brass Body	
1 1/4	1 1/8	18.8	5	100	100	100	100	100 100 15		150	100	230	Viton	10	10	S401GF02V5GJ1

Part Numbering

		_	1 - 1	ı		l			
1 2 3	4	5	6	7 8	9	10	11	12 13	
S 4 0	1	G	F	0 2	V	5	G	J 1	
Series	Operating Mode	Housing*	Coil Class*	Voltage*	Seal Material	Body Material	Pipe Connection	Orifice Size	
S40	1: Normally Closed * Se	G: Conduit e the "Engine		02: 120/60 110/50 " for additional v	V: Viton	5: Brass ations and op	G: 1 1/4" NPT otions.	J1: 1 1/8"	

Coil Data

Coil Family
Type Size
All S4

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

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