



# SP31 Series



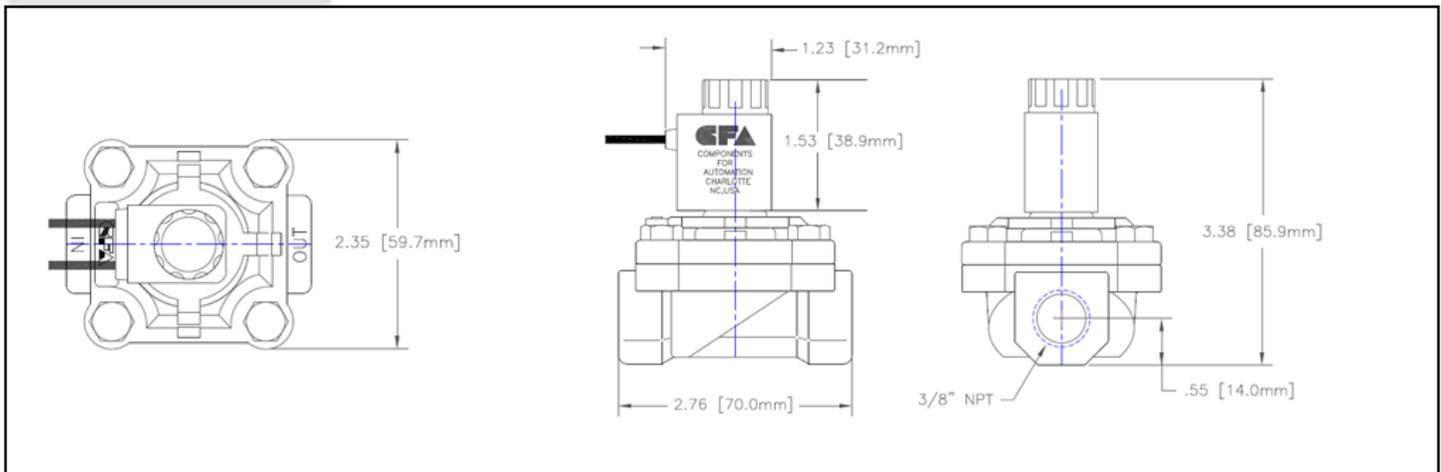
## 3/8" NPT Plastic Body 2-Way Piloted Diaphragm Normally Closed



Materials	Seals:	EPDM, FKM, Nitrile
	Orifice:	Nylon
Electrical	Standard Housing:	DIN 43650 Form B
	Optional Housings:	18" Leads
	Standard Voltages:	24, 120, 240AC 60Hz; 50Hz available; 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.
	Voltage Tolerance:	±10% of applicable voltage
	Coil Class:	H
Operating Temperature	Ambient (Nominal):	32°F to 125°F
Mounting	Position:	Any
Approvals*	Agencies:	cURus, CE

\*Not Available for all variations

## Dimensions



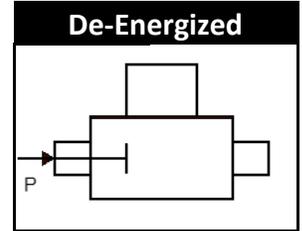
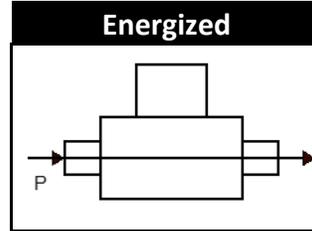
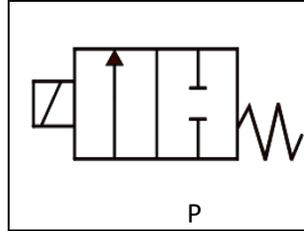


# SP31-3/8" NPT, Plastic, Normally Closed



## Valve Selection List

Normally Closed



Pipe Size	Orifice Size	Cv	Min.	Operating Pressure Differential (PSI)				Max. Fluid Temp. °F	Diaphragm Material	Power Consumption		Model Code (24V/60HZ - DIN) Shown
				Maximum						AC : vA	DC : Watts	
				Air/Gas		Water				AC	DC	
NPT	inch			AC	DC	AC	DC					Nylon/Noryl Body
3/8	5/8	4.3	5	150	150	150	150	176	Nitrile	6.5	4	SP311YN24MHCG4
	5/8	4.3	5	150	150	150	150	176	EPDM	6.5	4	SP311YN24CHCG4
	5/8	4.3	5	150	150	150	150	176	FKM	6.5	4	SP311YN24VHCG4
	5/8	4.3	5	150	150	150	150	176	Nitrile	6.5	4	SP311YN24NHCG4



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## Part Numbering

1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>S</b>	<b>P</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>Y</b>	<b>N</b>	<b>2</b>	<b>4</b>	<b>M</b>	<b>H</b>	<b>C</b>	<b>G</b>	<b>4</b>
Series			Stations	Operating Mode	Housing	Coil	Voltage		Seal Material	Body Material	Pipe Size	Orifice Size	
C3 Piloted NPT Threads			1	1: 2Way N.C.	Y: DIN G: Leads	N: H Class	02: 120/60 04: 240/60 24: 24/60 15: 12 VDC 16: 24 VDC		M: Nitrile / FKM C: EPDM V: FKM N: Nitrile	H: Nylon / Noryl	C: 3/8"	G4: 5/8"	

## Coil Data

AC Coil Family	
Voltage Code	Coil Number
YN02	C944
GN02	C944L
YN04	C802
GN04	C802L
YN24	C987
GN24	C987L

DC Coil Family	
Voltage Code	Coil Number
YN15	C999
GN15	C999L
YN16	C926
GN16	C926L

## Kit Data

Operator	
Seal	Part Number
M	KSC3102VDA5
C	KSC3102CDA5
V	KSC102VDA5
N	KSC102NDA5

Rebuild Kit	
Seal	Part Number
M	KSP3102MHD
C	KSP3102CHD
V	KSP3102VHD
N	KSP3102NHD