

# FlowLine



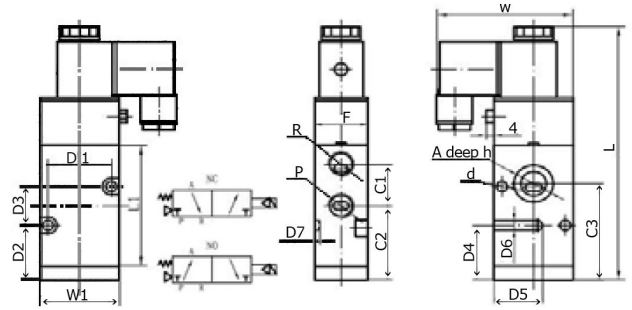
**1/8" Solenoid Valve  
Namur Mount**

***Series 50***

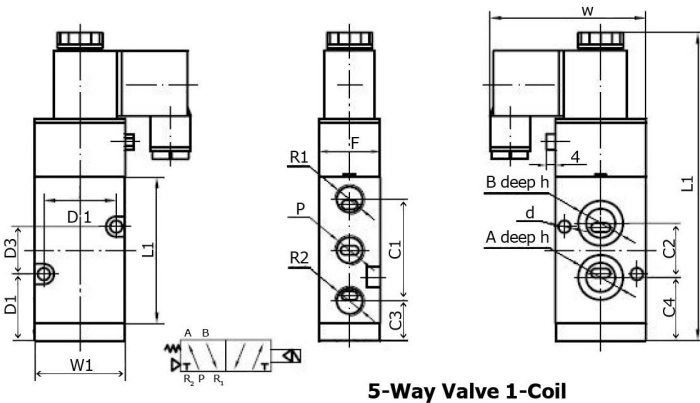
# FEATURES

## Specifications

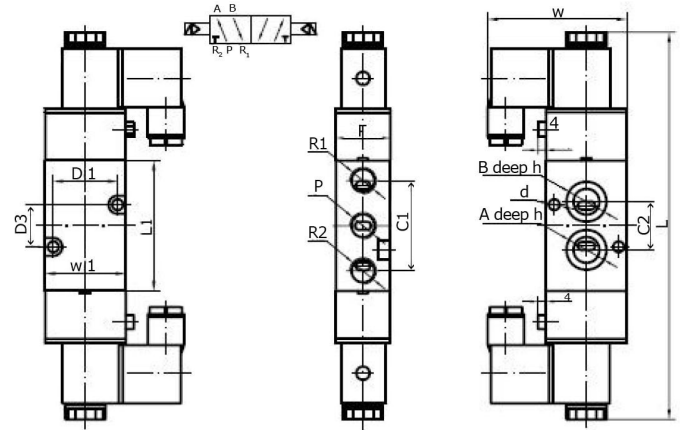
**Port Connections:** 1/8" NPT  
**Power Consumption:** AC: 4.0VA, DC: 2.8W  
**Duty Cycle:** Continuous (100%)  
**Shortest Excitation Time:** 0.05 sec  
**Coil Voltages:** 12 & 24 VDC, 120 & 220 VAC 50/60Hz  
**Protection Class:** NEMA 4, 4X, NEMA 7 & 9  
**Coil Insulation:** Class F standard, Class H optional  
**Operating Speed:** 5 cycles per second  
**Ambient Temperature Range:** 40F~122F, -40F optional  
**Coil Connections:** Cable Gland, 1/2" Conduit/Potted leads, Din connector with potted leads  
**Valve Design:** Pilot operated hi-flow spool, Cv 1.40  
**Media:** Lubricated or non-lubricated air  
**Operating Pressure Range:** 22psi and 120psi  
**Materials:** Body: Hard Anodized Aluminum, Polyester coated.  
 Spool & Piston: Aluminum, Spring: Stainless Steel, Seals: Buna N, Screws: Stainless Steel



3-Way Valve 1-Coil



5-Way Valve 1-Coil



5-Way Valve 2-Coils

## Dimensions

Valve	P	R	R1	R2	A	B	h	C1	C2	C3	C4
3-Way-1-Coil	1/8"	1/8"	-	-	0.73	-	0.06	0.71	1.24	1.69	-
5-Way-1-Coil	1/8"	-	1/8"	1/8"	0.71	0.71	0.06	1.42	0.91	0.53	0.79
5-Way-2-Coil	1/8"	-	1/8"	1/8"	0.71	0.71	0.06	1.42	0.91	-	-

Valve	D1	D2	D3	D4	D5	D6	d	L	L1	W	W1	F
3-Way-1-Coil	1.14	0.85	0.79	0.85	0.89	0.16	0.17	4.67	1.97	2.62	1.38	0.87
5-Way-1-Coil	1.14	0.85	0.79	-	-	-	0.17	4.67	1.97	2.62	1.38	0.87
5-Way-2-Coil	1.14	-	0.79	-	-	-	0.17	6.77	1.97	2.62	1.38	0.87

Dimensions in inches Reference: 1 inch=25.4mm

\* Note: Consult factory for additional options.

Flow Line Valve and Controls, Inc.

PO Box 677, 110 Main Project Rd • Schriever, LA 70395 • Phone (985) 414-6004 • Fax (985) 414-6072

www.flowlinevalves.com

# How to Order

## How to Order

## Part Numbering System

Style	Porting	Nema	Size and CV	Connection	Voltage	Coil Rating	Coil Connecting
1	2	3	4	5	6	7	8

1 Style	
50	Namur

2 Porting	
3001	3 way single coil
4001	4 way single coil
3002	3 way dual coil
4002	4 way dual coil

3 Nema Rating	
4	Nema 4, 4X
7	Nema 7,9

4 Size and CV	
5	1/8" .78 cv
6	1/4" .89 cv
7	1/4" 1.40 cv
8	1/2" 2.79 cv

5 Connections	
N	Namur
P	Pipe In

6 Voltages	
1	12VDC
2	24VDC
3	24vac
4	36vac
5	120vac
6	220vac
7	380vac

7 Coil Rating	
9	Standard
8	Class F
7	Class H

8 Voltages	
A	Cable Clamp
B	Cable Clamp w/ light
C	1/2" Conduit
D	1/2" Conduit w/ light
E	Potted Cable
F	Potted Cable w/ light
G	Potted Coil N-7

*\* Note: Consult factory for additional options.*

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