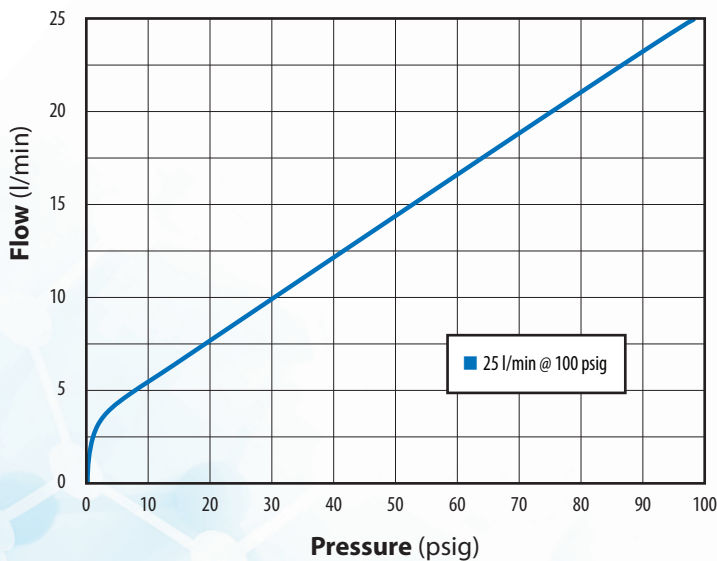


N.O. MANIFOLD EV SERIES



Clippard's normally-open series EV valves are ideal for applications where a manifold mount normally-open valve is required. The normally-open EV valve is a unique valve that offers the same low power and long life as the original EV series in a package that provides normally-open functionality.

TYPICAL FLOW



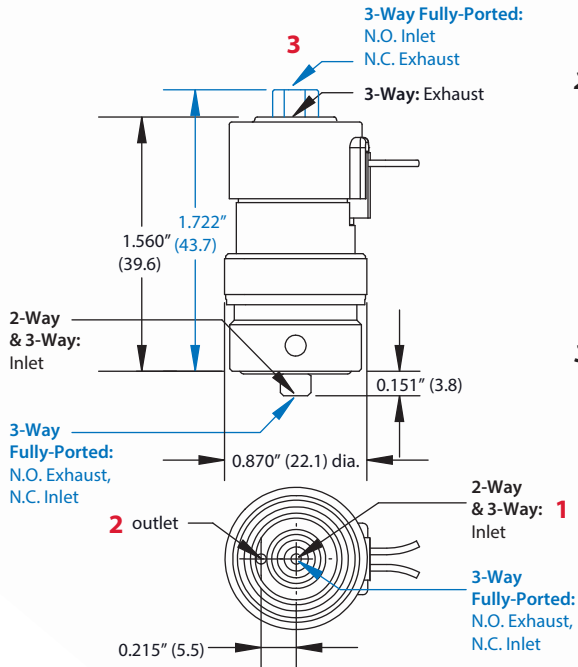
Coil Resistance	218 (12V), 864 (24V)
Connection	Pin connector, spade terminals or radial wire leads
Current	0.055A (12V), 0.028A (24V)
Cycle Life	>1,000,000,000 (<i>ideal applications</i>)
Filtration	40 micron filter (<i>recommended</i>)
Function	2-way normally-open or normally-closed; 3-way normally-open, normally-closed, or fully ported
Material, Body	Nickel-plated brass, ENP carbon steel, nickel iron alloy, 300 series stainless steel
Material, Seals	Nitrile standard; FKM, EPDM ¹ and silicone ¹ available
Material, Spring	Nickel alloy
Material, Wetted	ENP brass, nickel alloy, stainless steel, ENP steel
Max. Flow	25 l/min @ 100 psig (7 bar)
Max. psig	105 (7.2 bar)
Medium	Clean, dry air and compatible gases
Mount	Manifold
Number of Ports	2 or 3
Operating Pressure	100 psig (7 bar)
Operating Range	90 to 150% of rated voltage
Operating Temp. Range	32 to 180°F (0 to 82°C)
Orifice	0.040" (1.02 mm)
Port, Exhaust	#10-32 or M5
Port, Inlet	#10-32 male or M5
Port, Outlet	#10-32 or M5 (in-line)
Response Time	5 to 10 ms (nominal)
Voltage	12 or 24 VDC
Voltage Operating Range	90 to 150%
Wattage	0.67 watts (nominal)
More Details	clippard.com/link/ev-series

¹Minimum order quantity required

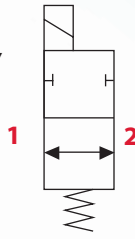
Does your application have requirements beyond what is listed? Contact Clippard to discuss how this valve can be modified to meet your specific needs.

Manifold Mount

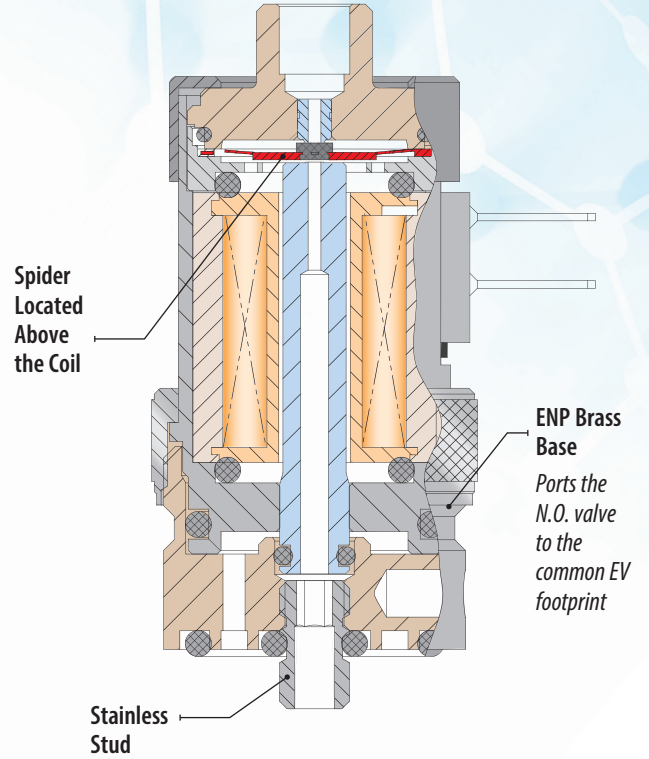
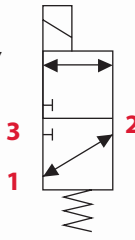
2-Way, 3-Way, and 3-Way Fully-Ported



2-Way



3-Way



Dimensions shown are in inches (millimeters listed in parentheses).
Visit clippard.com for more detailed 2D and 3D drawings.

ORDERING INFORMATION

□	-	E	□	N	-	□	M	-	□	-	□	-	□	-	□	-	□	
Units		Connection				Function		Voltage					Seals				Options	
(blank) Imperial M- Metric		C Pin Connector T Spade Terminals V Radial Wire Leads				2 2-Way 3 3-Way		12 12 VDC 24 24 VDC					(blank) Nitrile V FKM E EPDM ¹ S Silicone ¹				(blank) None -D Diode ² -K Krytox Lube	
								Pressure Range										
								(blank) Vac. to 105 psig - 25 l/min @ 100 psig (7 bar)										

¹Minimum order quantity required
²Available on pin connector (ECN) models only

Example Part Number:
ECN-2M-12

For more info, scan the QR code or visit
clippard.com/link/ev-series

