

Proportional Electronic Valves

EV-P-05-25A0



The EVP 2-Way proportional control valves combine the features of the existing EV series valve—long life, low power, and Clippard's reputation for high quality components—with the additional capability for proportional control. The EVP series valve provides air or gas flow control, and varies the output flow based on the current input to the solenoid.

Controllability and overall value are the main features of the EVP series. The consistent gain of this valve provides a high degree of control for many applications. The valve may be controlled using DC current, open- or closed-loop control, and even PWM to cover a broad range of applications.

	2D File	2D File
Accessories	Valve Driver in Enclosure EVPD-2 , Valve Driver Board EVPD-1 , DIN Rail Mounting Clip EVPD-2DIN , Installation Socket Torque Tool 30215	
Coil Resistance	13.5 Ω @ 73°F (23°C)	
Connection	18" Wire Leads Side (Radial)	
Data Sheet	Valve Data Sheet , Driver Data Sheet	
Flow Rate	23.5 l/min +/- 10% @ 100 psig	
Function	2-Way Normally-Closed Proportional	
Input Current Range	0 to 0.370 A	
Material, Body	Nickel Plated Brass	
Material, Seals	Nitrile	
Material, Seat	Stainless Steel	
Material, Wetted	ENP Brass, ENP Steel, Stainless Steel	
Max Voltage Required	6.2 VDC	
Max. Flow	±10% of Target Flow	
Max. psig	100 psig (7 bar)	
Maximum Hysteresis	10% of Full Current	
Medium	Clean, Dry Air or Insert Gases	
Mounting Holes	In-Line Threaded	
Number of Ports	2	
Operating Instructions	Operating Instructions	
Operating Pressure	100 psig (6.9 bar)	
Operating Temperature Range	32 to 120°F (0 to 48°C)	
Orifice	0.025" Orifice	
Poppet Travel	0.007" (0.2 mm)	
Porting	#10-32	
Ports	ENG Female (In-Line)	
Price	79.15	
Product Line Brochure	Proportional Valves	
Unit	Imperial	
Voltage	5 VDC	
Wattage	1.9 Watts at 73°F (23°C), 2.4 Watts Max	
Weight (lbs.)	0.1700	
Wire Size	26 Gauge	

