



PV Micro Proportional Valves

PV8-5



These 8 mm proportional direct-acting valves provide precise, linear control for accurate dosing and flow regulation in critical applications. With low power consumption, they offer excellent energy efficiency while maintaining quiet operation and minimal vibration. Their versatile design makes them suitable for a wide range of medical, diagnostic, and industrial applications.

Standard products offered will fit the needs of most applications, however this series can be fully customized according to the user's unique requirements. Consult Clippard with your specific application.

2D File	2D File
Accessories	#10-32 Manifold: Aluminum, Stainless Steel ; M5 Manifold: Aluminum, Stainless Steel
Coil Resistance	308 Ω @ 68°F (20°C) Nominal
Connection	3.15" (80 mm) Wire Leads
Current Range	0 to 70 mA
Cycle Life	100 million
Data Sheet	Data Sheet
Filtration	10 micron
Function	2-Way Normally-Closed Proportional
Hysteresis	<10% of full current
Leak Rate	1.0 sccm
Length	0.958
Material, Wetted	Stainless Steel, FKM/FFKM
Max. Flow	7.0 $\pm$ 1.0 l/min @ 87 psig (6 bar)
Medium	Air & Inert Gases
Mount	Cartridge
Number of Ports	2
Operating Temperature Range	41 to 122°F (5 to 50°C)
Orifice	0.020" (0.5 mm)
Pressure Range/Orifice	0 to 87 psig (6 bar)/0.020"
Product Line Brochure	Proportional Valves
Wattage	1.5 watts @ 68°F (20°C); 2.2 watts max.
Weight	0.0110

