

Clippard

PIV PEEK Media Isolation Valves

M-NR4L-3-24-H



PIV series media isolation valves are solenoid-operated devices that utilize a flexible diaphragm to isolate the actuation mechanism from the fluid path. Media isolation valves are commonly used for a wide variety of applications, including those that require precise, repeatable dispensing of media for analytical instrumentation. All wetted areas of the valve are PEEK body and PTFE diaphragm, making this series ideal for use with corrosive media.

Accessories	Zero Dead Volume Fitting
Accuracy	>99%
Applications Form	Applications Form
Circuitry Option	Hit & Hold
Connection	18" Wire Leads (45 cm)
Data Sheet	Data Sheet, Hit & Hold Info
Documentation	CE, RoHS (Download)
Function	3-Way
Hit Time	115 ± 30 ms
Hold Voltage PWM Freq.	Approx. 25 KHz
LED Indicators	Power status (green), trigger status (blue), warning (red-indicates for over 3.75 A, over 140°C or short circuit), Feedback Status (yellow)
Life Cycle	±1,000,000
Material, Wetted	PTFE, PEEK, FKM (Manifold Version Only)
Max. Flow	6 to 60 l/min. @ 30 psig (2 bar)
Medium	Air, Water, Gas or Compatible Fluids
Mount	In-Line
Operating Pressure	Vac. to 7 bar
Operating Temperature Range	-20 to 158°F (-29 to 70°C)
Orifice / Port	4.0 mm / G1/8
Product Line Brochure	Isolation Valves
Response Time	<50 ms
Thread Depth	#4-40 (max. 0.125")
Trigger Input	3.3 to 24 VDC. 10 mA @ 24 VDC
Type	Selector/Diverter
Unit	Metric
Voltage	24 VDC
Wattage	12 VDC: 10.7 Watts / 24 VDC: 15.1 Watts

