



EHS High Pressure Valves

M-EHS-2W-12-R



The EHS series is precision-engineered to deliver robust performance in higher pressure (up to 1,000 psig) applications, prioritizing both safe functionality and the reduction of potential leak points. Building upon the foundation set by the [ES series](#), the EHS incorporates key features such as substantial cross sectional o-rings, proven poppet designs, and strategic placement of mounting hardware outside the flow path. The EHS series is the preferred choice for high-pressure applications that demand lasting, low leak performance.

2D Drawing	2D File
Coil Resistance	144 (12 VDC), 576 (24 VDC)
Connection	Wire Leads, 18" (Radial)
Current	0.083A (12V), 0.042A (24V)
Data Sheet	Data Sheet
Filtration	40 micron (recommended)
Function	2-Way Normally-Closed (Monodirectional)
Material, Body	ENP Steel, Stainless Steel, Aluminum
Material, Seals	Nitrile Standard, FKM & EPDM Available
Material, Spring	Nickel Alloy
Material, Wetted	Nickel Alloy, Stainless Steel, ENP Steel, Aluminum
Max. Flow	58 l/min @ 1,000 psig (69 bar)
Max. psig	1,000 psig (69 bar)
Medium	Clean, Dry Air & Compatible Gases
Mount	Inline
Number of Ports	2
Operating Pressure	Vac. to 1,000 psig (69 bar)
Operating Temperature Range	32 to 150°F (0 to 65°C)
Port, Inlet	G1/8 Female
Port, Outlet	G1/8 Female
Product Line Brochure	Spider Valves
Response Time	10 to 15 ms (nominal)
Seals	Nitrile
Unit	Metric
Voltage	12 VDC
Voltage Operating Range	90 to 120%
Wattage	1 Watt (nominal)
Weight (lbs.)	0.1700

