



FURON®
Pure Performance

Furon® DVX Valve

Electrically Actuated, 2-Way & 3-Way Valve (1/4" Orifice)

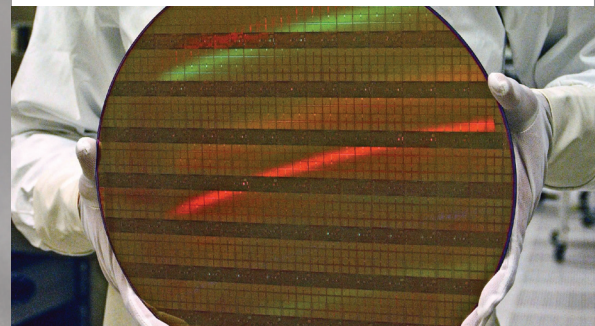
Description

Electrically actuated, 2-way and 3-way solenoid valves.

Furon DVX Valves are solenoid actuated. Wetted parts are 100% virgin PTFE and modified PTFE, assuring compatibility with harsh or aggressive chemistries along with the highest purity standards. The solenoid body is PTFE coated, providing protection in harsh chemical environments. Furon DVX Valves are available in both 2-way and 3-way configurations, and in both 24 VDC and 115 VAC voltages. Rated for 100 PSIG (6.9 bar) fluid pressure, Furon DVX Valves are ideal for ultra-high purity fluid handling applications where pneumatic air actuation is not an option.

Applications

- Ultra-pure DI Water applications in the semiconductor industry
- Handling of harsh or high-purity chemicals



Features and Benefits

- 100% virgin PTFE flow path
- High forward and back pressure rating provides flexibility in system design
- Rated for 100% duty cycle
- O-Ring free design
- Ideal for handling harsh or aggressive media

ASK AN ENGINEER


SAINT-GOBAIN

Furon DVX Solenoid Valve

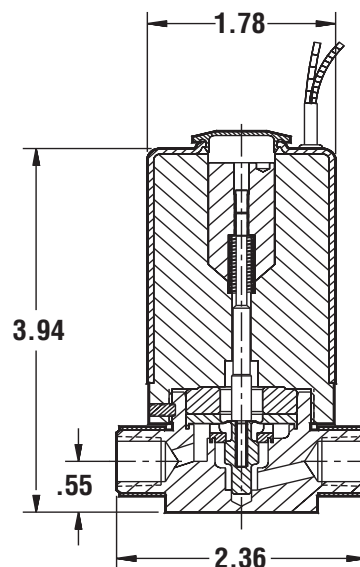
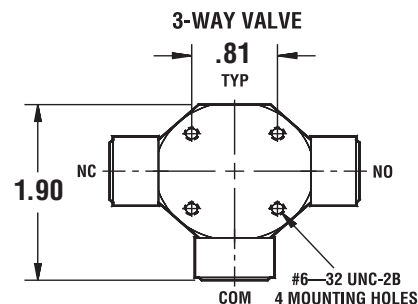
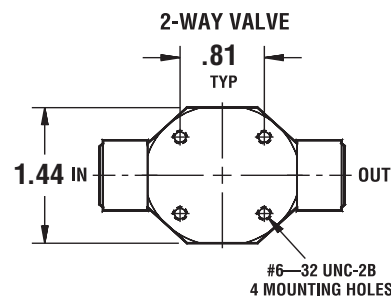
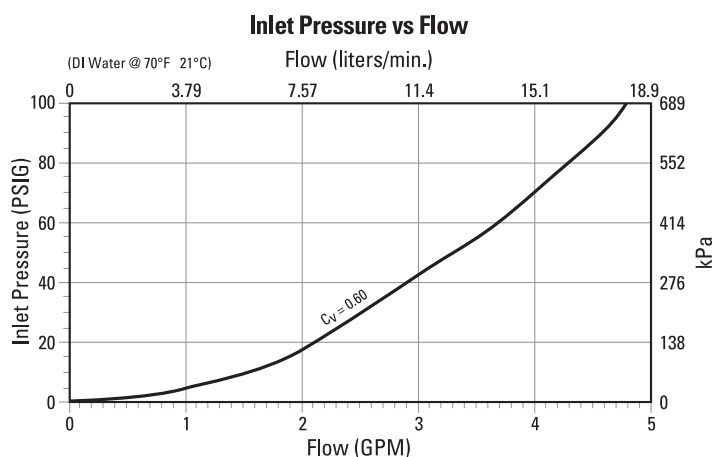
Part Number	Flow Path	Voltage	End Connection	Orifice (in.)	Port Size (in.)
DVX2-144NCD2	Normally Closed	24 VDC	FNPT	1/4	1/4
DVX2-144NCA1	Normally Closed	115 VDC	FNPT	1/4	1/4
DVX2-144NOD2	Normally Open	24 VDC	FNPT	1/4	1/4
DVX2-144NOA1	Normally Open	115 VDC	FNPT	1/4	1/4
DVX3-144D2	3-Way	24 VDC	FNPT	1/4	1/4
DVX3-144A1	3-Way	115 VDC	FNPT	1/4	1/4

Operating Specifications

Operating Pressure	100 psig (6.9 bar)
Back Pressure	100 psig (6.9 bar)
Flow	C _v 0.6
Max. Operating Temperature	203°F (95°C)
Actuator Pressure	60 - 100 PSIG (4.1 - 6.9 Bar)
Body	PTFE
Diaphragm	PTFE
Max. Power Consumption	24 VDC Version: 0.56 Amps 115 VAC Version: 0.13 Amps

Standard Options

- End connections not listed
- Alternate flow paths on 3-way versions



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NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

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