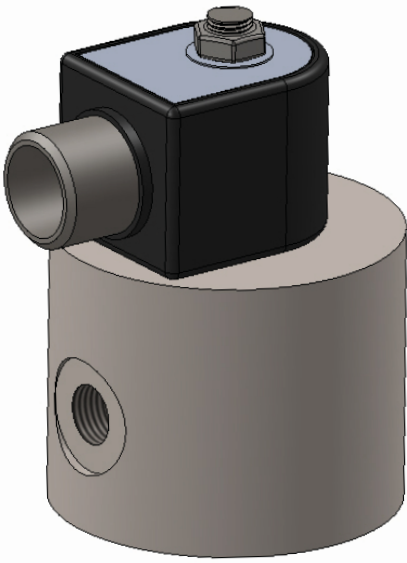


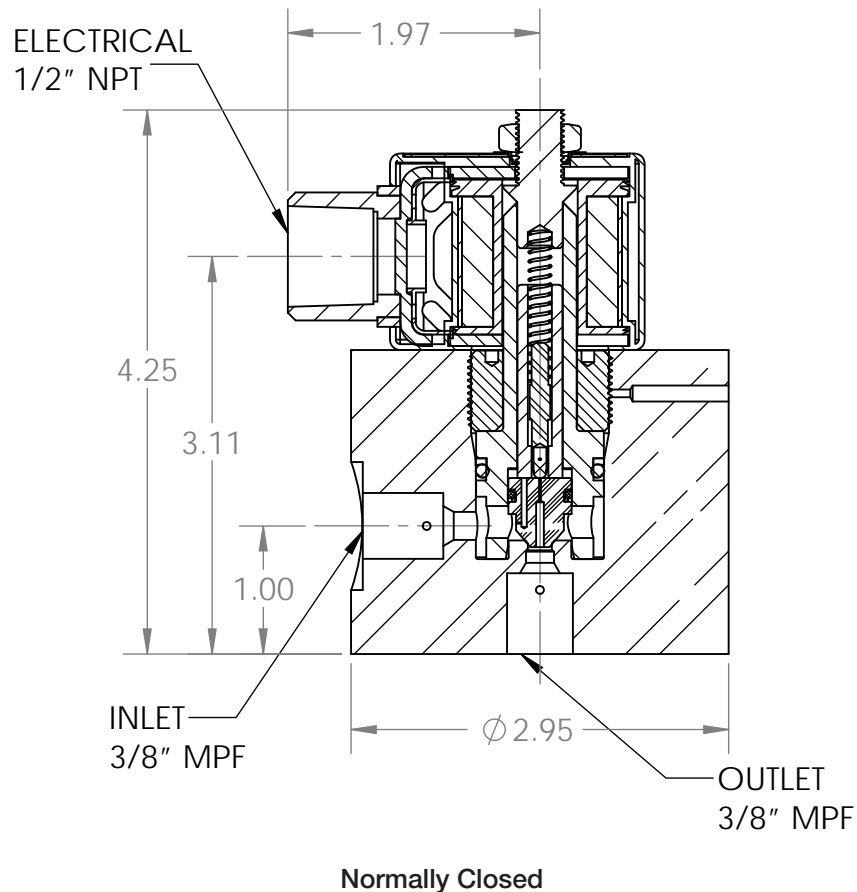
EX40 SERIES 3/8" MPF



Features:

The reduced port EX40 is great for a wide range of media. This pilot operated valve has become a popular and effective choice in the emerging Hydrogen Dispensing market. The EX40 is also an excellent valve to control the flow of high pressure air, water, hydrogen, nitrogen, and other gases or light liquids compatible with materials of construction. The EX40 is the highest pressure valve in our collection and offers a cartridge design that alleviates your demanding maintenance requirements. The EX40 requires a 100 PSIG minimum pressure differential between inlet and outlet for operation. The valve's simple design with few moving components have made it a great choice for inlet pressures as high as 15,000 PSIG. The Normally Closed EX40 must be mounted upright and vertical. **Filters recommended for all applications.**

Dimensions













EX40 SERIES 3/8" MPF

How To Order

Base Model Number	Orifice	DC Voltage	Suffix Option Field(s)																		
EX40	03																				
03	3/16"	<table border="1"> <tr><td>D012</td><td>12 DC</td></tr> <tr><td>D024</td><td>24 DC</td></tr> <tr><td>D120</td><td>120 DC</td></tr> </table>	D012	12 DC	D024	24 DC	D120	120 DC	<table border="1"> <tr><td>DN</td><td>Din Connector (Not Explosion Proof)</td></tr> <tr><td>GS</td><td>General Service (Not Explosion Proof)</td></tr> <tr><td>HY</td><td>Hydrogen Service (Helium leak test)</td></tr> <tr><td>OX</td><td>Oxygen Clean</td></tr> <tr><td>VT</td><td>Viton O-Rings</td></tr> <tr><td>T5</td><td>Class 5 Leakage Testing</td></tr> </table>	DN	Din Connector (Not Explosion Proof)	GS	General Service (Not Explosion Proof)	HY	Hydrogen Service (Helium leak test)	OX	Oxygen Clean	VT	Viton O-Rings	T5	Class 5 Leakage Testing
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* Standard Connection is LF6 Medium Pressure Fitting for 3/8" Tubing (9/16 - 18 thread)

Possible EX40 Options & Add-Ons

 72" Lead Length	 Din Connector	 Screw Terminal	 General Service	 Hydrogen Service
 Oxygen Clean	 NEMA 4X	 Class V Leakage Testing	 Stainless Steel Tags	 Viton O-Rings

The following are standard on the EX40:

 Explosion Proof	 Stainless Steel Valve Body	 22 W Coil
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Certifications



CRN - Canadian Registration Number

EX40 SERIES

3/8" MPF

Construction

Valve Body:	316 SS
Piston:	PEEK®
O Ring (Standard):	Buna-N (-50° to 225°F)
O Ring (Optional):	Viton (0° to 400°F)
Piston Rings:	302 SS / PTFE
Cartridge:	316 SS & 430 SS
Pilot & Seal:	303 SS & PTFE
Spring:	302 SS*
Plunger:	430 SS

*Standard material

Pressure

Maximum pressures shown are measured in PSIG

	3/16" Orifice Size
Normally Closed AC Voltage:	-
Normally Closed DC Voltage:	15,000
Normally Open AC Voltage:	-
Normally Open DC Voltage:	-
Minimum Pressure Differential:	100

Flow

	3/16" Orifice Size
C _v	0.50

Electrical (Coil)

Power:	22 Watts
Insulation:	Class "H"
Duty:	Continuous
Connection:	1/2" NPT, 18" Leads
Enclosure	
Explosion Proof (Standard):	NEMA 3, 3S, 4, 4X, 7, 9
General Service:	NEMA 1, 2, 3, 3S, 4, 4X

Possible Media



General Gases and Liquids



Fuels & Light Oils



Flammable Gases



Hydrogen



Oxygen



Corrosives



Sea & Salt Water



Viscous Liquids



Steam



Cryogenics