

EX40 SERIES

3/8" MPF

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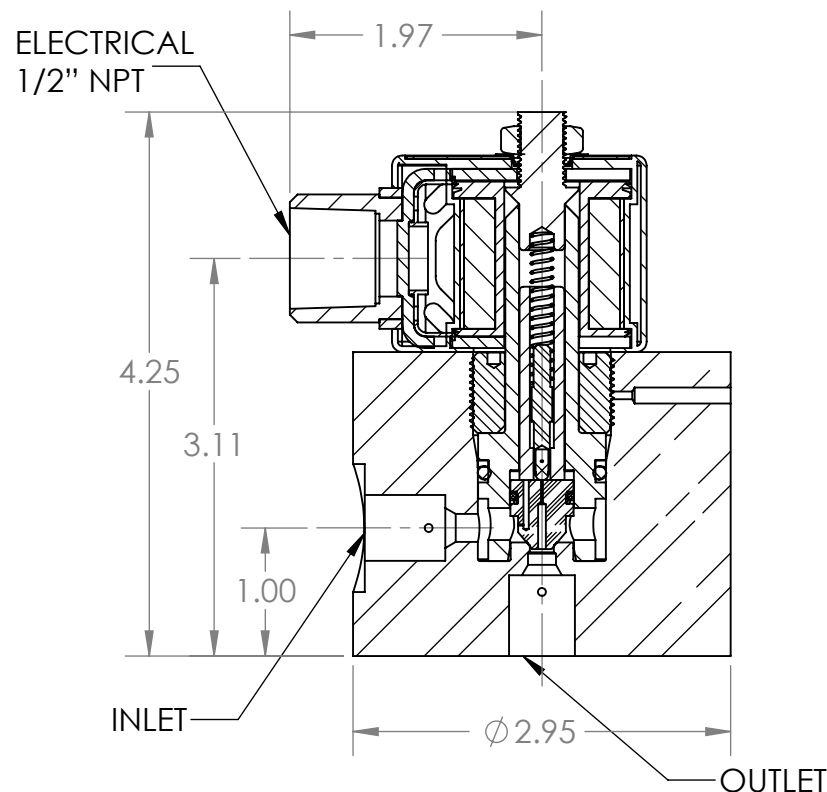


Features:

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.

EX40 Base Price: \$1,550

Dimensions



Normally Closed

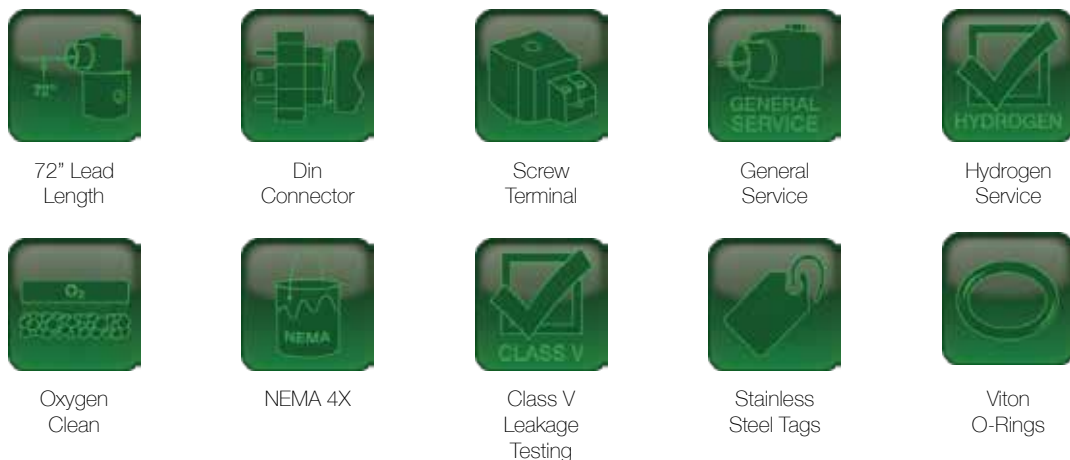
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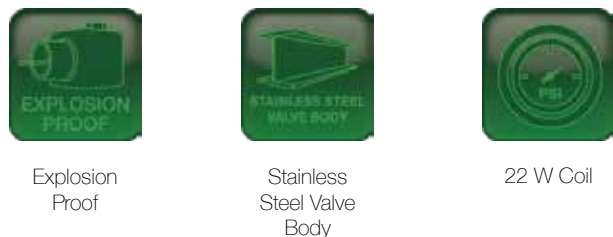
How To Order

Base Model Number	Size	DC Voltage	Suffix Option Field(s)
EX40			
061	Medium Pressure Fitting (MPF) for 3/8" OD Tubing (9/16"-18 Thread)	D012 12 DC	DN Din Connector (Not Explosion Proof)
041	1/4" OD Tubing (7/16" - 20 Thread)	D024 24 DC	GS General Service (Not Explosion Proof)
		D120 120 DC	HY Hydrogen Service (Helium leak test)
			OX Oxygen Clean
			VT Viton O-Rings
			T5 Class 5 Leakage Testing

Possible EX40 Options & Add-Ons



The following are standard on the EX40:



Certifications



CRN - Canadian
Registration Number

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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
AC Inrush:	N/A - DC only
AC Holding:	N/A - DC only
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