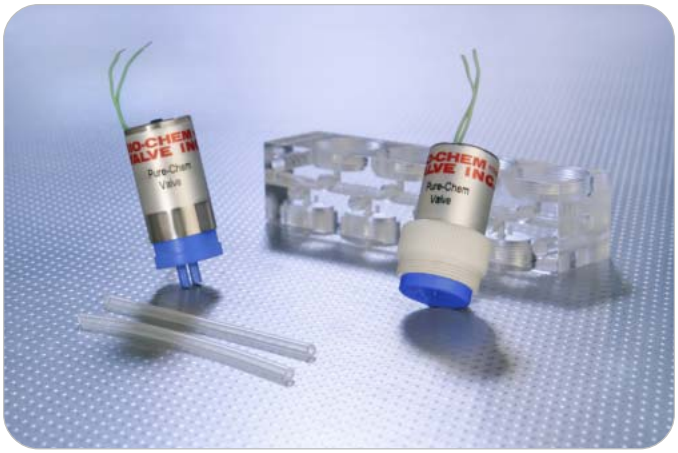
BIO-CHEM VALVE™ INC.

Series: 075X and 079X Pure-Chem™ Valves

Features

- Isolated Solenoid
- Low Power Consumption
- High Cycle Life
- Minimal Internal Volume
- Continuous Duty
- Fast Response Time
- High Chemical Resistance



The Pure-Chem™ Valves are ideally suited for use with aggressive or high-purity fluids. The medium does not come in contact with the solenoid or any metal parts. Wetted parts consist of the polysulfone body and an EPDM or Viton diaphragm.

The stand-alone (075X) two-way valve version is available in normally open and normally closed configurations. It features simple tube connectors for quick and secure attachment of 1/16" internal diameter soft tubing. The manifold mounted (079X) valve is available in a normally closed configuration. It is furnished with a threaded mounting collar, allowing for easy installation and replacement.

Our unique design concept of diaphragm retention and elastomer sealing gasket ensures the most reliable performance available.

Specifications

Series	075X, 079X	
Voltage	12 VDC	24 VDC
Power Watts @ 70⁰ F (21⁰ C)	2.6	2.6
Current Amps @ 70⁰ F (21⁰ C)	0.22	0.10
Body material	Polysulfone	
Diaphragm material options	EPDM, Viton®	
Orifice Diameter	0.062" (1.57mm)	
Operating pressure	Vacuum – 20 psi	
Lead Wires	15" (381mm) 26 Gauge Teflon® Coated	
	075X	**079X**
Internal Volume	0.06 cc	0.08 cc
Connection options	Tube connectors for 1/16" I.D. tubing	Manifold mountable
Weight	60 gm	60 gm

Dimensions

Series	Diameter	Height
075X2NC	0.75"	1.60"
075X2NO	0.75"	1.90"
079X2NC	0.95"	1.60"

Ordering Information

1	Select valve size	075 (stand-alone) 079 (manifold-mountable)
2	Indicate Style	X2
3	Indicate Operating Configuration *	NC, NO
4	Indicate Voltage	12VDC, 24VDC
5	Indicate orifice size	0.062"
6	Indicate Body Material	6 (Polysulfone)
7	Diaphragm Material	E (EPDM), V (Viton®)

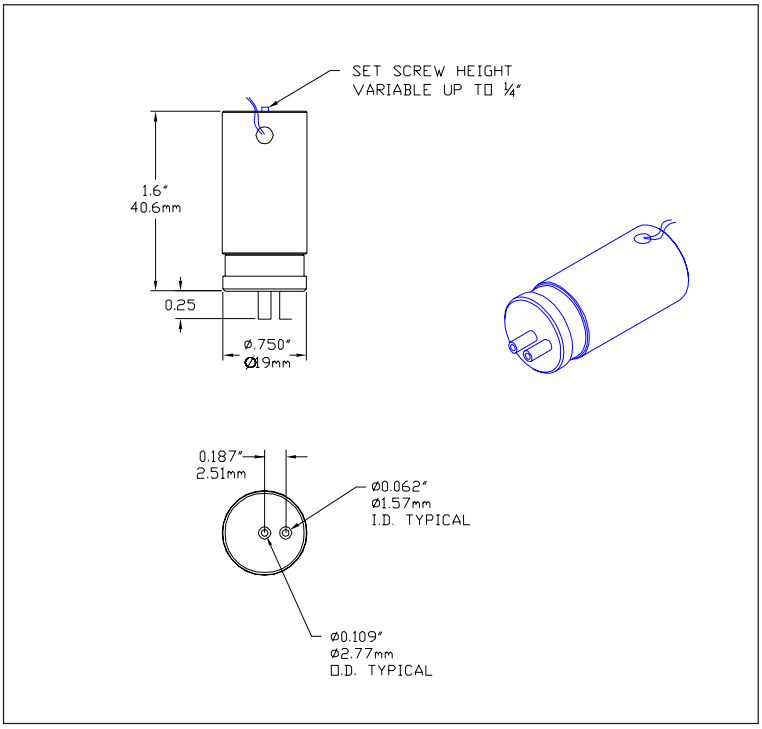
* Manifold mounted valve available only in a normally closed configuration.

Example P/N:

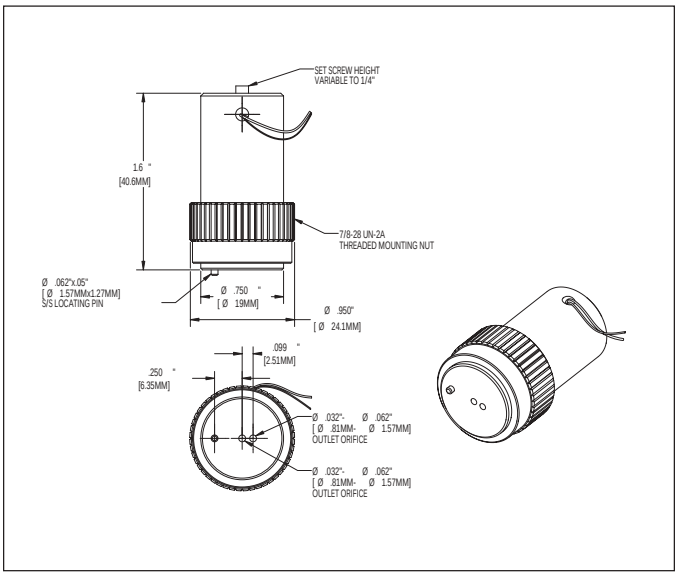
079	X2	NC	12	-	62	-	6	E
Valve Size	Style	Operating Position	Volts		Orifice Diameter		Body Material	Diaphragm Material

Installation Drawings

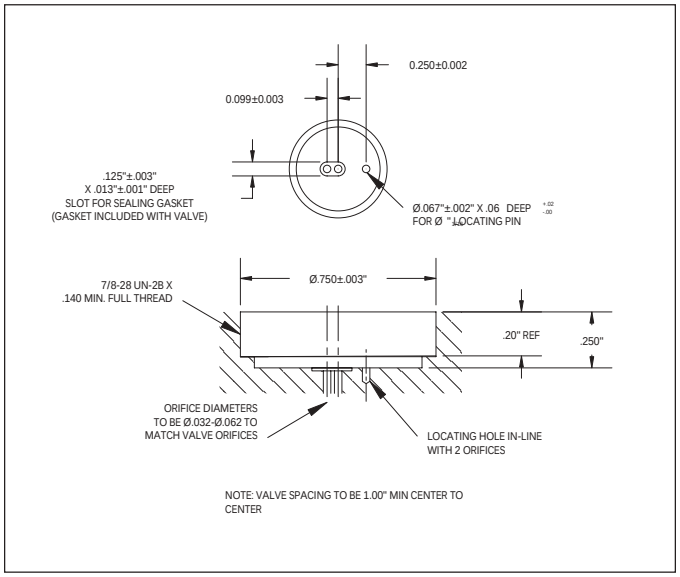
075X2NC Pure-Chem™ Valve



079X2NC Pure-Chem™ Valve



Manifold Interface



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