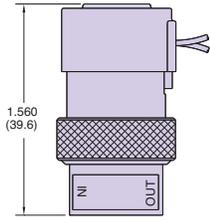
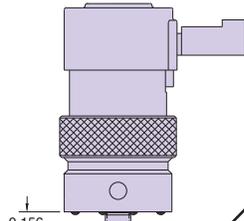


2-WAY PROPORTIONAL VALVES, IN-LINE & MANIFOLD MOUNT



In-Line Mount



Manifold Mount



		Voltage			Base Part No.		Operating Range & Orifice
		5 VDC	10 VDC	20 VDC	In-Line Mount	Manifold Mount	
	<p>0.025" Pin Connector</p>	•			<u>EC-P-05-*</u>	<u>EC-PM-05-*</u>	<p>In selecting your valve, you may have many variables to choose from. Each variable will affect others and this is a simple guide to provide assistance. To select the best valve for your application, focus on these three: Control Signal, Valve Orifice and Operating Pressure.</p> <p><i>For Example</i></p> <p>E V - P M - 2 0 - 2 5 8 5</p> <p style="text-align: center;"> Orifice Diameter Operating Pressure </p>
		•	•		<u>EC-P-10-*</u>	<u>EC-PM-10-*</u>	
			•		<u>EC-P-20-*</u>	<u>EC-PM-20-*</u>	
	<p>Spade Terminals</p>	•			<u>ET-P-05-*</u>	<u>ET-PM-05-*</u>	
		•	•		<u>ET-P-10-*</u>	<u>ET-PM-10-*</u>	
			•		<u>ET-P-20-*</u>	<u>ET-PM-20-*</u>	
	<p>Wire Leads Side (Radial)</p>	•			<u>EV-P-05-*</u>	<u>EV-PM-05-*</u>	
		•	•		<u>EV-P-10-*</u>	<u>EV-PM-10-*</u>	
			•		<u>EV-P-20-*</u>	<u>EV-PM-20-*</u>	

* Consult factory for availability of non-standard voltages and other options

Although voltage is an important issue, the **current** is somewhat more **important**: It is very important to specify and use a calibrated valve that matches your application. Be sure to use a valve set to your operating pressure to assure you have an overall good performing valve for your exact requirements.

important to this valve. It works by having a change in **current** vary the magnetic field, which varies the travel or distance the valve is opening.

Control Signal

Nominal Voltage Range @ 73°F (VDC)	Input Current Range (amps)	Coil Resistance @ 73°F (ohms)	Max. Voltage Required (VDC)
0 to 5	0 to 0.370	13.5	6.2
0 to 10	0 to 0.185	54	12.4
0 to 20	0 to 0.092	218	24.8

Do not exceed input current range.

The EVP Valve can be calibrated for pressures less than the maximum shown above. Lower pressures may be substituted in increments of **5 psig**, and will be used for calibration. The pressures shown above are standard options. For pressures less than 5 psig or greater than the Maximum Pressure listed, please consult factory.

Standard Valve Orifices & Flow

Orifice	Max Flow (l/min)*	Part No. Code	Max. Pressure (psig)
0.009"	2.7 ±10%	09	100 psig
0.013"	6.7 ±10%	13	100 psig
0.025"	22.0 ±10%	25	100 psig
0.040"	18.7 ±10%	40	50 psig
0.060"	14.0 ±10%	60	25 psig

* Measured at Maximum Pressure

Base Part No. plus

Ports:
Blank #10-32

See [Page 205](#) for flow chart/selection

Orifice:

- 09 - 0.009" dia.
- 13 - 0.013" dia.
- 25 - 0.025" dia.
- 40* - 0.040" dia.
- 60* - 0.060" dia.

* See Max. Pressure above

Maximum Pressure (specify Operating Pressure):

- - 5 to 99 psig
- AO - 100 psig

Options:

- Blank - Nitrile seals (standard)
- E - EPDM seals
- V - FKM seals

View [additional valve selection tips](#)