NEW! MAXIMATIC® SOLENOID VALVES

MAXIMATIC SOLENOID VALVES
Clippard’s all-new Solenoid valves are available in 2-way, 3-way and 4-way configurations in port sizes from #10-32 to 1/2” NPT. Select either a direct-acting poppet or solenoid-controlled pilot operated balanced spool design. Spool valves are body ported but can be bolted to a parallel circuit manifold.

These electronic valves offer high flow in a small package, and are constructed of aluminum, stainless steel and thermoplastic materials. The 4-way valves are also available in 3 position versions with either pressure center, closed center or exhaust center spool options.

Materials: Aluminum, Stainless Steel, Thermoplastic
Maximum Pressure: Vacuum to 150 psig (direct-acting only); 30 to 125 on MME-41 Series, 20 to 125 psig on all others (spool valves)
Response Time: Less than 20 milliseconds
Mounting: Manifold standard. Actuator (1/4” only) or NAMUR (3/8” NPT only) available on Page 216.
Manual Override: Locking or non-locking
Electrical Connection: DIN terminal with LED indicator, or 18” Wire Leads
DIN Connector: Plug-in electrical connector with LED. MME-31/41 models are DIN 43650 Form “C” 3 mm screw. All others are DIN 43650 Form “B” 3 mm screw. LED will not “light” if polarity is reversed.
Wire Leads: Not polarity sensitive
Temperature Range: 32 to 150°F (0 to 65°C)
Seals: Buna-N

Conforms to ISO 19973-2 test standards.

<table>
<thead>
<tr>
<th>Port</th>
<th>Cv</th>
<th>Flow Rate @ 50 psig</th>
<th>Flow Rate @ 100 psig</th>
</tr>
</thead>
<tbody>
<tr>
<td>#10-32</td>
<td>0.58</td>
<td>16 scfm</td>
<td>27 scfm</td>
</tr>
<tr>
<td>1/8” NPT</td>
<td>0.67</td>
<td>18 scfm</td>
<td>31 scfm</td>
</tr>
<tr>
<td>1/4” NPT</td>
<td>0.89</td>
<td>26 scfm</td>
<td>49 scfm</td>
</tr>
<tr>
<td>3/8” NPT</td>
<td>1.68</td>
<td>51 scfm</td>
<td>93 scfm</td>
</tr>
<tr>
<td>1/2” NPT</td>
<td>2.79</td>
<td>91 scfm</td>
<td>171 scfm</td>
</tr>
</tbody>
</table>
Maximatic® Valves are available as body ported, manifold mount, NAMUR (3/8” NPT only), and Actuator (1/4” NPT only) mounting. Standard models include a base that permits fast, secure mounting of electronic valves to a manifold for grouping in compact assemblies.

2-, 3- & 4-Way Designs

Choose either DIN connector with LED indicator or 18” Wire Lead connection. Both are rotatable and interchangeable.

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For side ported manifold mount, the Maximatic line of valves offers both 1/4” actuator mount and 3/8” NAMUR mount

Easily accessible locking or non-locking manual override switch

Port sizes from #10-32 to 1/2” NPT

Buna-N Seals

Sturdy aluminum body withstands rough environments

Operating ranges to 125 psig

Maximum Value. Maximum Performance.

Closed Center, Pressure Center and Exhaust Center Models Available

A wide variety of voltage options are available including 12 VDC, 24 VDC, 24 VAC, 110 VAC and 220 VAC. Consult factory for other voltages.

All Maximatic® Solenoid Valves are IP 65 CE Rating

Small size makes valves ideal for use in compact applications

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