



Maximatic®



MAXIMATIC SOLENOID VALVES

Clippard's Maximatic 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 Industrial Form "C" (9.4 mm centers) 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.

3- & 4-Way Valves

| Port | Cv | Flow Rate | |
|----------|------|-----------|------------|
| | | @ 50 psig | @ 100 psig |
| #10-32 | 0.58 | 16 scfm | 27 scfm |
| 1/8" NPT | 0.67 | 18 scfm | 31 scfm |
| 1/4" NPT | 0.89 | 26 scfm | 49 scfm |
| 3/8" NPT | 1.68 | 51 scfm | 93 scfm |
| 1/2" NPT | 2.79 | 91 scfm | 171 scfm |