

# 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:** 0 to 115 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.

**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