

# Clippard



## CLIPPARDS MAXIMATIC® SERIES VALVES

### 2-WAY, 3-WAY & 4-WAY VALVES

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. The 4-Way valves are also available in 3-position versions with either pressure center, closed center or exhaust center spool options.

### SPECIFICATIONS

- **Medium:**  
Air, gas, or other compatible fluids
- **Max Pressure:**  
Spool Valves: 20 to 125 psig; Direct-Acting: 0 to 115 psig; MME-41 Series: 30 to 125 psig
- **Nominal Power:**  
0.67 watts
- **Mounting:**  
Manifold (standard), actuator (1/4") available
- **Temperature Range:**  
32 to 180° F
- **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, DIN 43650 Form "B" 3 mm screw; MME-31/41: DIN Industrial Form "C" 9.4 mm centers), 3 mm screw. Note: LED will not light if polarity is reversed
- **Seal Material:** Nitrile

### 2-WAY & 3-WAY 2-POSITION VALVES



Maximatic direct-acting valves are single solenoid spring return, poppet type valves; available as either 2-Way or 3-Way configurations in 1/8" and 1/4" NPT port sizes. Hardware to stack multiple valves is included with each stacking valve (MME-3SDS and MME-2SDS). Includes two long screws, two short screw, one gasket, and two nuts. Coil included.

**Medium:** Air (40 micron filtration), inert gas or liquid

**Operating Range:** 0 to 115 psig

**Flow:** 65 l/min @ 100 psig

**Electrical Connection:** DIN connector with LED indicator (D) or 18" wire lead (W)

**Voltage:** 12 VDC (012), 24 VDC (024), 24 VAC (24A),

110 VAC (110), or 220 VAC (220)

**Power Consumption:** 6.5 watts

**Number of Ports:** 2 or 3

**Mounting:** Body ported or stacking

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### 3-WAY SINGLE OR DOUBLE SOLENOID



Maximatic 3-Way electronic valves are either Normally-Closed single solenoid spring return, or double solenoid spool valves min #10-32 to 1/2" NPT port sizes.

**Medium:** Air (40 micron filtration), inert gas or liquid

**Operating Range:** 20 to 125 psig

**Electrical Connection:** DIN connector with LED indicator (D) or 18" wire lead (W)

**Voltage:** 12 VDC (012), 24 VDC (024), 24 VAC (24A),  
110 VAC (110), or 220 VAC (220)

**Power Consumption:** 2.5 watts on MME-31 series; 3 watts for all others

**Number of Ports:** 3

**Mounting:** Body ported, manifold mount, actuator (1/4" NPT only) or NAMUR (3/8" NPT only) available

### 4-WAY 2-POSITION, SINGLE OR DOUBLE SOLENOID



Maximatic 4-Way solenoid controlled, pilot operated valves are either single solenoid spring return or double solenoid spool valves in #10-32 thread to 1/2" NPT port sizes. Coil included.

**Operating Range:** 20 to 125 psig

**Electrical Connection:** DIN connector with LED indicator (D) or 18" wire lead (W)

**Voltage:** 12 VDC (012), 24 VDC (024), 24 VAC (24A),  
110 VAC (110), or 220 VAC (220)

**Power Consumption:** 2.5 watts on MME-41 models

**Number of Ports:** 5

**Mounting:** Body ported, manifold mount

### 4-WAY 3-POSITION, DOUBLE SOLENOID



Maximatic 4-Way double solenoid spring centered valves with closed center, pressure center or exhaust center spools are available from #10-32 thread to 1/2" NPT port sizes. Coil included

**Operating Range:** 30 to 125 psig MME-41 Series; 20 to 125 psig all others

**Electrical Connection:** DIN connector with LED indicator (D) or 18" wire leads (W)

**Voltage:** 12 VDC (012), 24 VDC (024), 24 VAC (24A),  
110 VAC (110), or 220 VAC (220)

**Power Consumption:** 2.5 watts on MME-41 models

**Number of Ports:** 5

**Mounting:** Body ported, manifold mount