



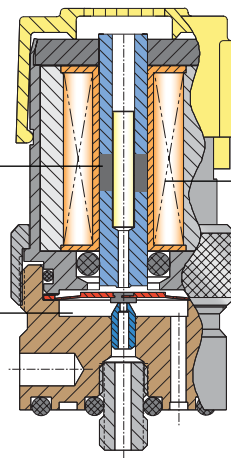
- Low Energy Consumption
- No Power Required to Hold Valve Open (no heat generation)
- Small Size & Quiet Operation
- Single Moving Part—Low Friction & Wear

Versions include 2-Way and 3-Way, and 3-Way with Ported Exhaust (If used as a selector, the pressure at the exhaust port must be lower than the pressure at the inlet)

A short forward or reverse current pulse latches the valve "on" or "off" through the use of a permanent magnet.

Standard Orifice is 0.025".
0.040" and 0.060" also available.

Clippard's Electronic Latching Valve has many of the same features as the popular EV valve line including small, compact design, quiet operation, a single moving element and more. A careful balance of forces—through the precise placement of a permanent magnet in the valve core— produces a bi-stable valve. A short pulse of current opens the valve, which "latches" open indefinitely after the current stops. A subsequent pulse of current in the opposite direction closes the valve. The valve consumes less energy and produces less heat than a standard solenoid valve when used in extended duty cycle applications, since the coil is energized for only a small fraction of the total duty cycle.



"+" and "-" molded on coil to indicate polarity to open the valve. Reverse polarity to close the valve.

Requires only short pulse of power to actuate. No power required to hold valve open.

Manifold mount permits fast, secure mounting of valves to manifolds. In-line version available.

Switching Arrangement Examples

