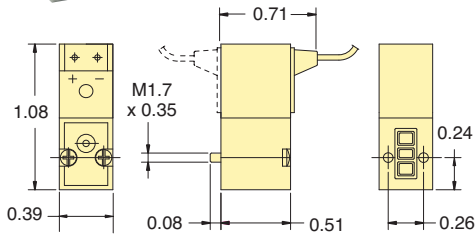


LATCHING 10 MM MINIATURE VALVES



- 2-Way & 3-Way Normally-Closed configurations
- Pulse-actuated (on or off)
- Polarity reverse required
- Stable latch

Clippard's 10 mm Latching Valves have many of the same features as the popular 10 mm valve line including small, compact design, exceptional life and reliability, light-weight design 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.



Max. Flow Rate: 31.2 l/min

Working Pressure: 0 to 110 psig

Orifice: 0.030"

Electrical Connection: 2-Wire Reverse Polarity, 300 mm, 24 AWG

Electrical: 12 VDC (“-012”) or 24 VDC (“-024”). 6 VDC also available. Call for further information.

Electrical Tolerance: -5 to +10%

Response Time: 8 ms when energized; 10 ms when de-energized

Connector: Wire Leads



Copper Wire Isolation Class: F 311°F

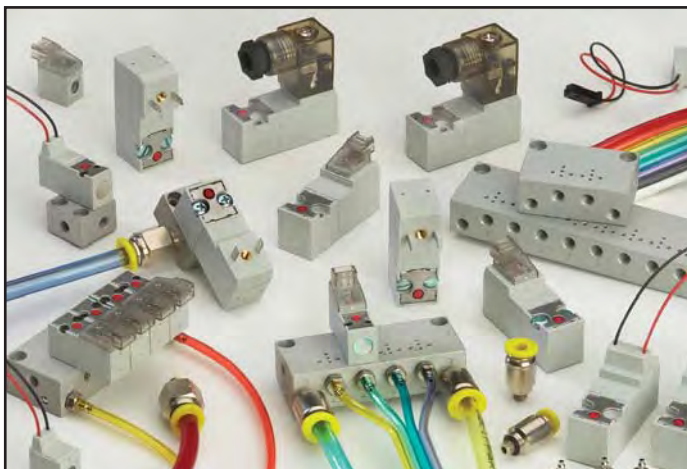
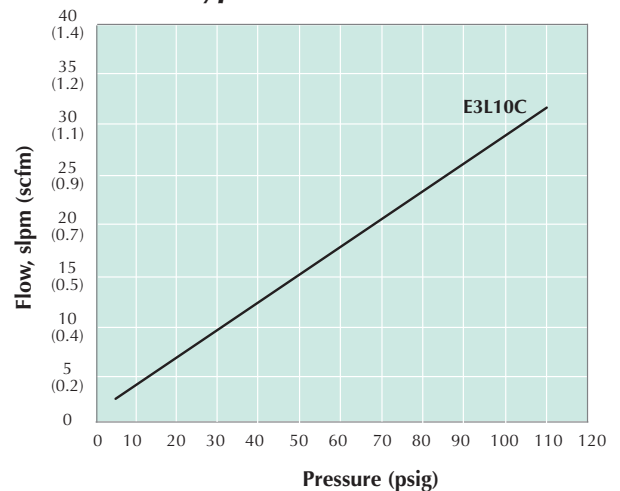
Material: Stainless steel core and springs, nylon body, FKM dynamic seals, and Nitrile gasket and static seals.

Temperature Range: 23 to 122°F. When below 32°F, must use clean, dry air

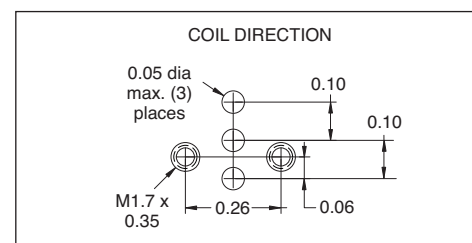
Medium: Air, Gas or other Compatible Fluids

Type	Part No.	Voltage	Wattage
2-Way	E2L10C-7W012	12 VDC	2.0
	E2L10C-7W024	24 VDC	
3-Way	E3L10C-7W012	12 VDC	2.0
	E3L10C-7W024	24 VDC	

Typical Air Flow



Mounting Interface



See [pages 224 & 227](#) for connectors and manifolds