LATCHING 10 MM MINIATURE VALVES

Clippard's Latching series features 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.

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

Minimum order quantities may apply.

Working Pressure	0 to 100 psig
Max. Flow Rate	15 to 22 l/min @ 87 psig
Orifice	0.031"
Electrical Connection	2-Wire reverse polarity, 300 mm, 24 AWG
Wattage	2.0 watts
Voltage Tolerance	±10%
Connector	Wire leads

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

HIGH FLOW 2-WAY 10 MM MINIATURE VALVES

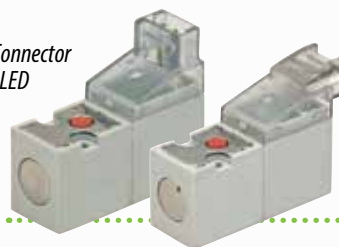| Working Pressure	0 to 36 psig
Max. Flow Rate	35 l/min @ 36 psig
Orifice	0.055"
Power Consumption	3.5 watts in-rush phase; 15 ms/0.35 watts maintenance phase
Voltage Tolerance	±10%

Part No.	Connector	Voltage
E210H-3L012 E210H-3L024	90˚ Connector with LED	12 VDC 24 VDC
E210H-3C012 E210H-3C024	In-Line Connector with LED	12 VDC 24 VDC

10 MM HIGH FLOW SINGLE-STATION MANIFOLD
Spare hardware and cover plates available.

Part No.	Description
E10HM-01	10 mm Single-Station Manifold

90° Connector with LED

In-Line Connector with LED

ISO 15218 10 MM 3-WAY MINIATURE VALVES

Working Pressure	0 to 100 psig
Maximum Flow Rate	24 l/min @ 6 bar
Exhaust Flow	38 l/min @ 6 bar
Orifice	0.043" (inlet to outlet), 0.051" (outlet to exhaust)
Power Consumption	3.5 watts in-rush phase; 15 ms/0.35 watts maintenance phase
Voltage Tolerance	±10%

Part No.	Connector	Voltage
E311E-3L012 E311E-3L024	90˚ Connector with LED	12 VDC 24 VDC
E311E-3C012 E311E-3C024	In-Line Connector with LED	12 VDC 24 VDC

10 MM SINGLE-STATION ISO MANIFOLD
Spare hardware and cover plates available.

Part No.	Description
E10LM-01	ISO 10 mm Single-Station Manifold

In-Line Connector with LED

90° Connector with LED