



## 10 mm Valves

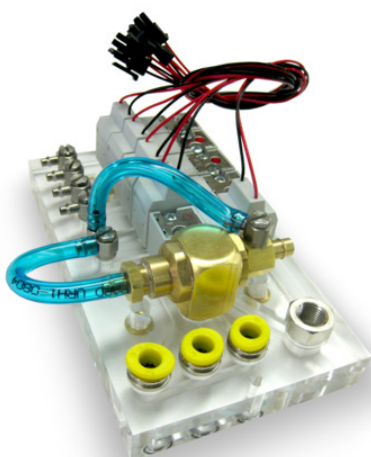
### E310A-1L012



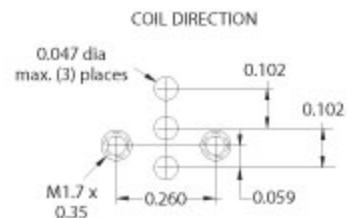
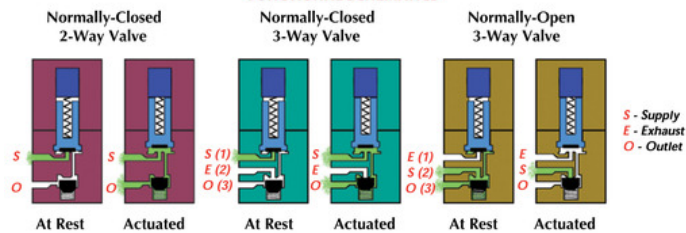
Offered in both Normally-Open or Normally-Closed models, these 2-Way and 3-Way valves are perfect for small areas where compact electronically-controlled pneumatics are needed. Available as standard, high flow, latching and ISO versions.

A high strength, engineered lightweight glass-filled nylon body—along with stainless steel, FKM and nitrile—makes this series suitable for a broad range of applications. With exceptional life and reliability, this versatile miniature valve is a smart choice for many types of systems across many different industries.

|                                    |                                                                                                                              |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>2D Drawings</b>                 | <a href="#">Valves, Plastic Manifolds, Aluminum Manifolds</a>                                                                |
| <b>Accessories</b>                 | Connector with cable: <a href="#">C2A-RB300</a> (30 cm), <a href="#">C2A-RB500</a> (50 cm), <a href="#">C2A-RB1000</a> (1 m) |
| <b>Connection</b>                  | 90° with LED                                                                                                                 |
| <b>Connector Wire</b>              | Clippard p/n <a href="#">28139</a> plug with Molex terminal insert #50212-8000                                               |
| <b>Documentation</b>               | CE, RoHS, REACH ( <a href="#">Download</a> )                                                                                 |
| <b>Function</b>                    | 3-Way Normally-Closed                                                                                                        |
| <b>Length</b>                      | 1.08                                                                                                                         |
| <b>Manifolds</b>                   | <a href="#">Plastic Barb, Aluminum</a>                                                                                       |
| <b>Material, Seals</b>             | FKM                                                                                                                          |
| <b>Material, Spring</b>            | Stainless Steel                                                                                                              |
| <b>Materials</b>                   | Stainless steel core, nylon body and Nitrile gasket and static seals. FKM gasket and static seals available.                 |
| <b>Max. Flow</b>                   | 13 l/min @ 100 psig                                                                                                          |
| <b>Medium</b>                      | Air, Water, Gas or Compatible Fluids                                                                                         |
| <b>Mount</b>                       | Manifold, 2 M1.7 screws                                                                                                      |
| <b>Operating Pressure</b>          | 0 to 100 psig (7 bar)                                                                                                        |
| <b>Operating Temperature Range</b> | 14 to 122°F (-10 to 50°C) When below 32°F (0°C), must use clean, dry air.                                                    |
| <b>Product Line Brochure</b>       | <a href="#">10 &amp; 15 mm Valves</a>                                                                                        |
| <b>Response Time</b>               | 10 ms nominal                                                                                                                |
| <b>Voltage</b>                     | 12 VDC                                                                                                                       |
| <b>Voltage Operating Range</b>     | ±10%                                                                                                                         |
| <b>Wattage</b>                     | 0.6 Watts                                                                                                                    |
| <b>Weight (lbs.)</b>               | 0.0250                                                                                                                       |



# FUNCTIONAL SCHEMATICS



## Typical Air Flow

