EE3 SERIES SUBMINIATURE VALVES

- Snap in & latched electrical connector
- LED for confirmation of operation and diodes for current spike suppression
- Manual override plunger provides valve actuation without electrical power
- Molded thermoplastic body with one piece gasket for manifold mounting
- Enclosed solenoid coil available in 12 or 24 VDC

Clippard Instrument Laboratory, Inc. (513) 521-4261 www.clippard.com
All the benefits of Clippard quality and reliability are available in our Double E-3 normally closed 3-way valve, an American made 10 mm subminiature electronic valve. A normally open model is also available.

The Double E-3 has a high strength, lightweight engineered thermoplastic body, making it suitable for a wide range of applications. Since it has few moving parts, the Double E-3 is subject to less wear, and has a longer life.

Double E-3 Valves are available factory assembled on manifolds.

**Features**

- Made in USA
- Miniature size
- 12 and 24 VDC
- Direct acting
- Fast response
- Few moving parts
- High flow/low power
- Made of high strength engineered thermoplastic
- Manifold mount
- LED for confirmation of operation
- Spike suppression diodes
- High visibility manual override
- Universal orientation
- Enclosed integral electronics
- One-piece gasket eases installation
- Short stroke, low mass poppet
- Corrosion resistant molded body
- Electrical plug snaps in - clip latched
Unique Porting Method

Unlike other valves, Double E-3 supply ports and exhaust ports are located on the output side of the manifold, rather than on the manifold ends. This means less space required, and a smaller, more effective work envelope.

Other configurations are available.

Double E-3 valves are available factory assembled on manifolds.
EE3 SERIES 3-WAY SUB-MINIATURE VALVES

**EE3-T0-0**

Double-E 3-way valve
normally closed

- **Response:** 10 milliseconds
- **Manual Override:** High visibility momentary push button
- **Material:** Wetted parts are acetal, nylon, nickel plated steel, stainless steel, and Buna-N
- **Temperature Range:** 30° - 180° F

**Electrical Connection:** Custom plug with 12" long #22 AWG, 19 strand, 105°C PVC insulation lead wires
- **Power Consumption:** 1.4 watts (with LED and diodes)
- 1.1 watts (24 VDC coil only)

**Medium:** air, gas

**Pressure:**
- Standard: 0-100 PSI
- High Flow: 0-60 PSI

**Air Flow:**
- Standard: 30 scfh @ 100 PSI
- High Flow: 30 scfh @ 60 PSI

**Electrical:**
- 12 VDC or 24 VDC - Allowable variation ± 10%
- LED and spike suppression diodes standard (No LED and diodes option available)

**Response:** 10 milliseconds

**Manual Override:** High visibility momentary push button

**Material:** Wetted parts are acetal, nylon, nickel plated steel, stainless steel, and Buna-N

**Temperature Range:** 30° - 180° F

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- High Flow: 30 scfh @ 60 PSI

**Electrical:**
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- LED and spike suppression diodes standard (No LED and diodes option available)

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