



## EV Electronic Valves

### ECN-3M-12



2-Way Electronic Valve, Normally-Open, Manifold Mount, 12 VDC

|                                    |                                                                               |
|------------------------------------|-------------------------------------------------------------------------------|
| <b>2D Drawings</b>                 | <a href="#">2D Files</a>                                                      |
| <b>Accessories</b>                 | Installation Socket Torque Tool <a href="#">30215</a>                         |
| <b>Coil Resistance</b>             | 218                                                                           |
| <b>Connection</b>                  | Terminal Pin, 0.025"                                                          |
| <b>Connector</b>                   | <a href="#">C2-RB18</a>                                                       |
| <b>Current</b>                     | 0.055A                                                                        |
| <b>Data Sheet</b>                  | <a href="#">Data Sheet</a>                                                    |
| <b>Filtration</b>                  | 40 micron (recommended)                                                       |
| <b>Function</b>                    | 3-Way Normally-Open                                                           |
| <b>Leak Rate</b>                   | 0.1 sccm                                                                      |
| <b>Length</b>                      | 1.88                                                                          |
| <b>Life Cycle</b>                  | >1,000,000,000 (ideal applications)                                           |
| <b>Manifolds</b>                   | <a href="#">Single &amp; Multi-Station</a> , <a href="#">Specialized</a>      |
| <b>Material, Body</b>              | Nickel-Plated Brass, ENP Carbon Steel, Nickel Iron Alloy, 300 Stainless Steel |
| <b>Material, Seals</b>             | Nitrile                                                                       |
| <b>Material, Spring</b>            | Nickel Alloy                                                                  |
| <b>Material, Wetted</b>            | ENP Brass, Nickel Alloy, Stainless Steel & ENP Steel                          |
| <b>Max PSI</b>                     | 105                                                                           |
| <b>Max. Flow</b>                   | 17 l/min @ 100 psig                                                           |
| <b>Medium</b>                      | Clean, Dry Air & Compatible Gases                                             |
| <b>Mount</b>                       | Manifold                                                                      |
| <b>Operating Pressure</b>          | 105 psig (17 l/min @ 100 psig)                                                |
| <b>Operating Temperature Range</b> | 32 to 180°F (0 to 82°C)                                                       |
| <b>Operating Voltage Range</b>     | 90 to 150%                                                                    |
| <b>Poppet Travel</b>               | 0.007"                                                                        |
| <b>Product Line Brochure</b>       | <a href="#">Spider Valves</a>                                                 |
| <b>Response Time</b>               | 5 to 10 milliseconds (nominal)                                                |
| <b>Unit</b>                        | Imperial                                                                      |
| <b>Voltage</b>                     | 12 VDC                                                                        |
| <b>Wattage</b>                     | 0.67 Watts (nominal)                                                          |
| <b>Weight (lbs.)</b>               | 0.1700                                                                        |
| <b>Wire Connector</b>              | AMP #103959-1                                                                 |

