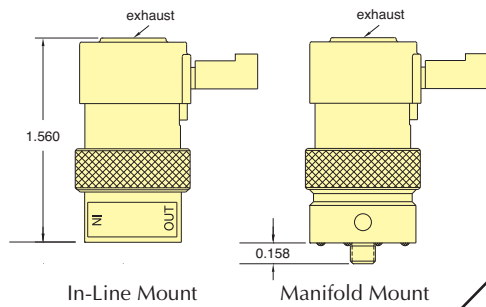
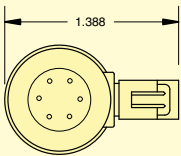
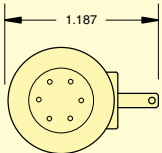
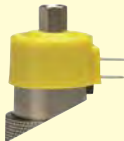
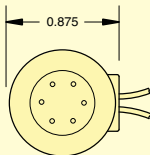
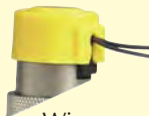
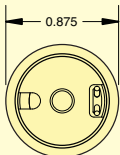




# 3-WAY NORMALLY-CLOSED VALVES, IN-LINE & MANIFOLD



| In-Line Mount                                                                       | Manifold Mount                                                                                                 | Pressure Range |   |   | Voltage |  | In-Line Mount              | Manifold Mount              |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------|---|---|---------|--|----------------------------|-----------------------------|
|    | <br>0.025" Pin Connector      | •              |   |   | •       |  | <a href="#">*EC-3-12</a>   | <a href="#">*EC-3M-12</a>   |
|                                                                                     |                                                                                                                | •              |   |   | •       |  | <a href="#">*EC-3-24</a>   | <a href="#">*EC-3M-24</a>   |
|                                                                                     |                                                                                                                |                | • |   | •       |  | <a href="#">*EC-3-12-L</a> | <a href="#">*EC-3M-12-L</a> |
|                                                                                     |                                                                                                                |                | • |   | •       |  | <a href="#">*EC-3-24-L</a> | <a href="#">*EC-3M-24-L</a> |
|                                                                                     |                                                                                                                |                |   | • | •       |  | <a href="#">*EC-3-12-H</a> | <a href="#">*EC-3M-12-H</a> |
|                                                                                     |                                                                                                                |                |   | • | •       |  | <a href="#">*EC-3-24-H</a> | <a href="#">*EC-3M-24-H</a> |
|    | <br>Spade Terminals           | •              |   |   | •       |  | <a href="#">*ET-3-12</a>   | <a href="#">*ET-3M-12</a>   |
|                                                                                     |                                                                                                                | •              |   |   | •       |  | <a href="#">*ET-3-24</a>   | <a href="#">*ET-3M-24</a>   |
|                                                                                     |                                                                                                                |                | • |   | •       |  | <a href="#">*ET-3-12-L</a> | <a href="#">*ET-3M-12-L</a> |
|                                                                                     |                                                                                                                |                | • |   | •       |  | <a href="#">*ET-3-24-L</a> | <a href="#">*ET-3M-24-L</a> |
|                                                                                     |                                                                                                                |                |   | • | •       |  | <a href="#">*ET-3-12-H</a> | <a href="#">*ET-3M-12-H</a> |
|                                                                                     |                                                                                                                |                |   | • | •       |  | <a href="#">*ET-3-24-H</a> | <a href="#">*ET-3M-24-H</a> |
|  | <br>Wire Leads Side (Radial) | •              |   | • | •       |  | <a href="#">*EV-3-12</a>   | <a href="#">*EV-3M-12</a>   |
|                                                                                     |                                                                                                                | •              |   | • | •       |  | <a href="#">*EV-3-24</a>   | <a href="#">*EV-3M-24</a>   |
|                                                                                     |                                                                                                                |                | • |   | •       |  | <a href="#">*EV-3-12-L</a> | <a href="#">*EV-3M-12-L</a> |
|                                                                                     |                                                                                                                |                | • |   | •       |  | <a href="#">*EV-3-24-L</a> | <a href="#">*EV-3M-24-L</a> |
|                                                                                     |                                                                                                                |                |   | • | •       |  | <a href="#">*EV-3-12-H</a> | <a href="#">*EV-3M-12-H</a> |
|                                                                                     |                                                                                                                |                |   | • | •       |  | <a href="#">*EV-3-24-H</a> | <a href="#">*EV-3M-24-H</a> |
|  | <br>Wire Leads Top (Axial)  | •              |   |   | •       |  | <a href="#">*EW-3-12</a>   | <a href="#">*EW-3M-12</a>   |
|                                                                                     |                                                                                                                | •              |   |   | •       |  | <a href="#">*EW-3-24</a>   | <a href="#">*EW-3M-24</a>   |
|                                                                                     |                                                                                                                |                | • |   | •       |  | <a href="#">*EW-3-12-L</a> | <a href="#">*EW-3M-12-L</a> |
|                                                                                     |                                                                                                                |                | • |   | •       |  | <a href="#">*EW-3-24-L</a> | <a href="#">*EW-3M-24-L</a> |
|                                                                                     |                                                                                                                |                |   | • | •       |  | <a href="#">*EW-3-12-H</a> | <a href="#">*EW-3M-12-H</a> |
|                                                                                     |                                                                                                                |                |   | • | •       |  | <a href="#">*EW-3-24-H</a> | <a href="#">*EW-3M-24-H</a> |

**Medium:** Clean, dry air (40 micron filter)

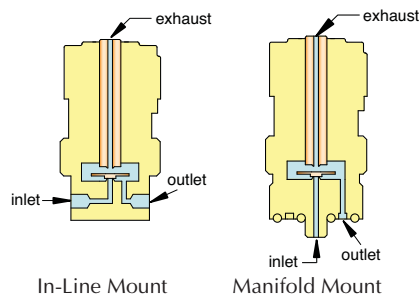
**Power Consumption:** 0.67 watt (CR Series: 1.2 watt)

**Temperature Range:** 32 to 180°F, CR Series: 32 to 150°F

**Response:** 5 to 10 milliseconds (nominal)

**Operating Range:** 90 to 150% of rated voltage (CR Series: ±10%)

**Ports:** #10-32



| Valve Series (*)                        | Standard | Non-Standard                                |
|-----------------------------------------|----------|---------------------------------------------|
| Standard                                | (blank)  |                                             |
| Oxygen Clean                            | O-       |                                             |
| Analytical Series**                     | A-       | See Pages 179 & 180 for further information |
| Corrosion-Resistant (not std. on "EW")  | CR-      |                                             |
| <b>Options (add to end of Part No.)</b> |          |                                             |
| FKM Seals                               | -V       |                                             |
| EPR Seals                               |          | -E                                          |
| Silicone Seals                          |          | -S                                          |
| Diode                                   |          | -D                                          |

Example Part No's:  
ET-3-12-S  
O-EW-3-24

See Page 181 for mounting options

\*\* Available on manifold mount valves only

| Pressure Range          | Suffix  | Air Flow            |
|-------------------------|---------|---------------------|
| 28" Hg Vac. to 105 psig | (blank) | 0.6 scfm @ 100 psig |
| 28" Hg Vac. to 50 psig  | -L      | 0.5 scfm @ 50 psig  |
| 28" Hg Vac. to 25 psig  | -H      | 0.45 scfm @ 25 psig |