# NIV PTFE Media Isolation Valves

## NR1-3M-24

The NIV series media isolation valve is a solenoid-operated device that utilizes a flexible diaphragm to isolate the actuation mechanism from the fluid path. Media isolation valves are commonly used for a wide variety of applications, including those that require precise, repeatable dispensing of media for analytical instrumentation. All wetted areas of the valve are PTFE or PEEK, making this series ideal for use with corrosive media.

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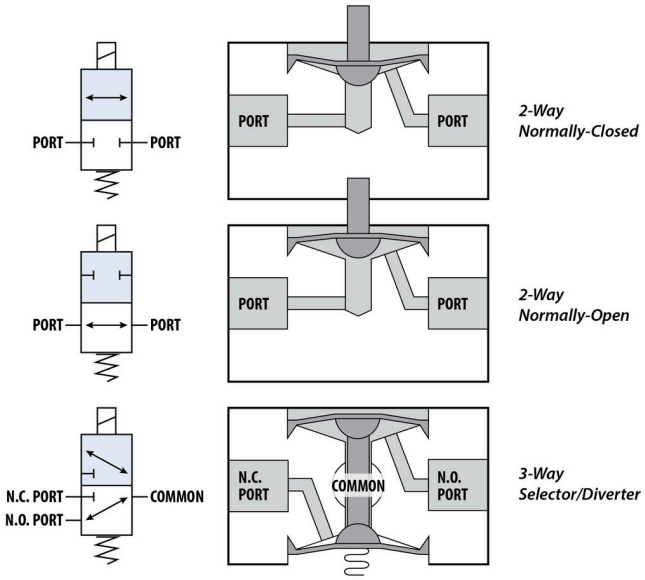
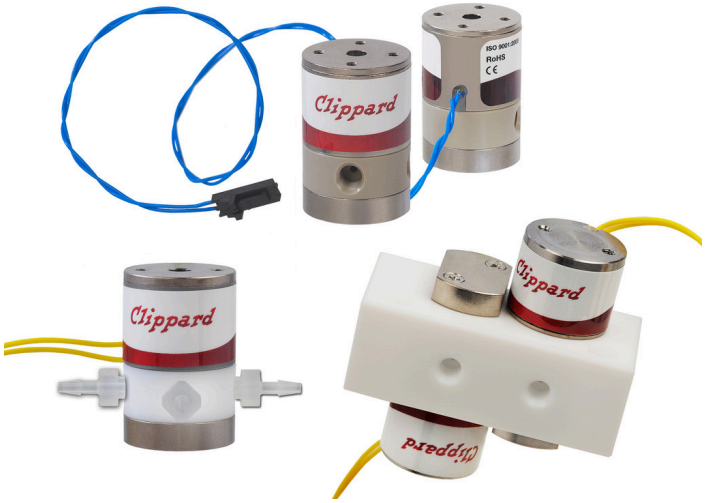
|---|---|
| **2D Drawings** | File |
| **Accessories** | Zero Dead Volume Fittings |
| **Air Flow** | 6 l/min @ 30 psig |
| **Applications Form** | Applications Form |
| **Circuitry Option** | None |
| **Coil Wire Size** | 26 AWG |
| **Connection** | 18" Wire Leads |
| **Data Sheet** | Data Sheet, Hit & Hold Info |
| **Documentation** | CE, RoHS (Download) |
| **Function** | 3-Way |
| **Material, Wetted** | PTFE, FKM |
| **Max PSI** | 28" Hg to 30 psig |
| **Medium** | Air, Water, Gas, Fluids |
| **Mount** | Manifold |
| **Notes** | ISO 9001. PPS Body options also available. |
| **Operating Pressure** | Vac to 30 psig |
| **Operating Temperature Range** | -20 to 158°F (-29 to 70°C) |
| **Orifice / Port** | 0.040" / #10-32 |
| **Product Line Brochure** | Isolation Valves |
| **Response Time** | 5 to 20 ms |
| **Thread Depth** | #2-56 (max. 0.094") |
| **Type** | Normally-Closed |
| **Unit** | Imperial |
| **Voltage** | 24 VDC |
| **Wattage** | 1.1 Watts |
| **Weight (lbs.)** | 0.1000 |




*2-Way Normally-Closed*

*2-Way Normally-Open*

*3-Way Selector/Diverter*

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