NITRA manifolds designed to work with 10mm wide GVP series valves.
- Single to 6 stations
- #10-32 female threaded ports
- Precision machined
- Compact
- Anodized aluminum for corrosion resistance
- Made in USA

### Nitra Pneumatic GVP Series 10mm Miniature Solenoid Valve Manifolds

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Description</th>
<th>A inches [mm]</th>
<th>Price</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GM-311</td>
<td>NITRA pneumatic valve manifold, anodized aluminum, rectangular, 1 station, #10-32 female threaded inlet(s), #10-32 female threaded outlet(s), #10-32 female threaded exhaust(s). For use with GVP-21 and GVP-31 series solenoid valves.</td>
<td>N/A</td>
<td>$16.50</td>
<td>0.05</td>
<td></td>
</tr>
<tr>
<td>GM-312</td>
<td>NITRA pneumatic valve manifold, anodized aluminum, rectangular, 2 stations, #10-32 female threaded inlet(s), #10-32 female threaded outlet(s), #10-32 female threaded exhaust(s). For use with GVP-21 and GVP-31 series solenoid valves.</td>
<td>1.42 [36.1]</td>
<td>$23.00</td>
<td>0.05</td>
<td></td>
</tr>
<tr>
<td>GM-314</td>
<td>NITRA pneumatic valve manifold, anodized aluminum, rectangular, 4 stations, #10-32 female threaded inlet(s), #10-32 female threaded outlet(s), #10-32 female threaded exhaust(s). For use with GVP-21 and GVP-31 series solenoid valves.</td>
<td>2.25 [78.2]</td>
<td>$26.00</td>
<td>0.10</td>
<td></td>
</tr>
<tr>
<td>GM-316</td>
<td>NITRA pneumatic valve manifold, anodized aluminum, rectangular, 6 stations, #10-32 female threaded inlet(s), #10-32 female threaded outlet(s), #10-32 female threaded exhaust(s). For use with GVP-21 and GVP-31 series solenoid valves.</td>
<td>3.08 [78.2]</td>
<td>$30.50</td>
<td>0.15</td>
<td></td>
</tr>
</tbody>
</table>

**Assembly Example**

GSC-300 (300mm CABLE) GSC-500 (500mm CABLE)

GVP SOLENOID VALVES (SIZE 10 OR 15mm)

GVP-10MM USE M1.7X0.35 - 14
GVP -15MM USE M3X0.5 - 18
PAN HEAD PHILLIPS SCREW

SINGLE STATION MANIFOLDS

<table>
<thead>
<tr>
<th>PORT</th>
<th>NC</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>INPUT</td>
<td>EXHAUST</td>
</tr>
<tr>
<td>B</td>
<td>EXHAUST</td>
<td>INPUT</td>
</tr>
<tr>
<td>C</td>
<td>OUTPUT</td>
<td>OUTPUT</td>
</tr>
</tbody>
</table>

EXHAUST PORT Labeled "E"
OUTLET PORTS
BLANKING PLATE

For the latest prices, please check AutomationDirect.com.
Pneumatic GVP Series Miniature Solenoid Valve Manifolds

Dimensions

mm [inches]

Part No. GM-311

MOUNTING FOR GVP-21 AND GVP-31 VALVES

#10-32 PORTS X3

Part No. GM-312, GM-314, GM-316

MOUNT FOR GVP-21 AND GVP-31 VALVE

#10-32 PORTS

Part No. GM-321

MOUNT FOR GVP-22 AND GVP-32 VALVE

#10-32 PORTS X3

Part No. GM-321-18N

MOUNT FOR GVP-22 AND GVP-32 VALVE

1/8" NPT INLET-OUTLET

See our website www.AutomationDirect.com for complete Engineering drawings.
# Pneumatic GVP Series Miniature Solenoid Manifold Accessories

Nitra Pneumatic GVP Series Miniature Solenoid Valve Manifold Accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>Part No.</th>
<th>Description</th>
<th>Price</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GM-31BP</td>
<td>NITRA blanking plate, nylon. For use with GM-31 series manifolds. Gasket and mounting screws included.</td>
<td>$4.75</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>GM-32BP</td>
<td>NITRA blanking plate, nylon. For use with GM-32 series manifolds. Gasket and mounting screws included.</td>
<td>$4.00</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>GSC-300</td>
<td>NITRA solenoid valve cable, miniature pin plug to pigtail, 11.8in/300mm cable length. For use with GVP series solenoid valves.</td>
<td>$4.25</td>
<td>0.05</td>
</tr>
<tr>
<td></td>
<td>GSC-500</td>
<td>NITRA solenoid valve cable, miniature pin plug to pigtail, 19.6in/500mm cable length. For use with GVP series solenoid valves.</td>
<td>$4.25</td>
<td>0.05</td>
</tr>
</tbody>
</table>

## Dimensions

**mm [inches]**

![Part No. GM-31BP](image1.png)

![Part No. GM-32BP](image2.png)

For the latest prices, please check [AutomationDirect.com](http://www.AutomationDirect.com).