310 SOLENOID VALVES

- 3-way
- 2-position, spring return
- Direct acting, single solenoid
- Continuous duty coil
- Three \( \frac{1}{2} \)-inch NPSF ports (IN, OUT, EXH)
- Non-locking manual override
- 24-inch lead wires
- Specify model V310 for vacuum from 0" to 28" Hg.

8-288A MOUNTING BRACKET

A convenient, optional plated steel mounting bracket kit is designed for use with both 3-way and 4-way valves. This kit consists of a bracket, two #6-32 screws, and two captive lockwasher nuts. Screws are plated steel, 1-inch (25.4mm) long.
410 SOLENOID VALVES

- 4-way, Normally Open/Normally Closed
- 2-position, spring return
- Direct acting, single solenoid
- Continuous duty coil
- Four 1/8-27 NPSF ports: IN, Delivery ports 1 & 2, and single exhaust port (EXH)
- Non-locking manual override
- 24-inch lead wires

8-288A MOUNTING BRACKET

A convenient, optional plated steel mounting bracket kit is designed for use with both 3-way and 4-way valves. This kit consists of a bracket, two #8-32 screws, and two captive lockwasher nuts. Screws are plated steel, 1.25 inch (31.8mm) long.
410-70 SOLENOID VALVES

410-70

- 4-way, Normally Open/Normally Closed
- 2-position, spring return
- Direct acting, single solenoid
- Continuous duty coil
- Four 1/8-27 NPSF ports: IN, Delivery ports 1 & 2, and single exhaust port (EXH)
- Individual flow controls for each Delivery port exhaust
- Non-locking manual override
- 24-inch lead wires

8-288A MOUNTING BRACKET

A convenient, optional plated steel mounting bracket kit is designed for use with both 3-way and 4-way valves. This kit consists of a bracket, two #8-32 screws, and two captive lockwasher nuts. Screws are plated steel, 1.25 inch (31.8mm) long.
ORDER INFORMATION

310/410 Series In-line Body Ported Valves
1/4-inch ports, 2-way, 3-way, 4-way

VALVES

<table>
<thead>
<tr>
<th>Model</th>
<th>Option code</th>
<th>Two-way Mounting Bracket</th>
<th>With Conduit Connector (24&quot; ends)</th>
<th>DIN-Type Connector</th>
<th>DC Surge Suppression</th>
<th>Flow Controls</th>
<th>Locking Manual Override</th>
<th>Thumbscrew Locking Override</th>
<th>No manual override</th>
<th>72&quot; Lead wires</th>
<th>Metal Oxide Varistor</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>310</td>
<td>2</td>
<td>21</td>
<td>36</td>
<td>39</td>
<td>50</td>
<td>70</td>
<td>81</td>
<td>83</td>
<td>87</td>
<td>LL</td>
<td>MOV</td>
<td>RC</td>
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<tr>
<td>3-way, in-line</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>NA</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>12 VDC, 24 VDC</td>
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<tr>
<td>V310 vacuum</td>
<td>3-way, in-line</td>
<td>NA</td>
<td>SP</td>
<td>SP</td>
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<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>24 VAC 50/60</td>
</tr>
<tr>
<td>410</td>
<td>4-way, in-line</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>SP</td>
<td>100 VAC 50/60</td>
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<td></td>
<td>120 VAC 50/60</td>
<td>200 VAC 50/60</td>
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<td></td>
<td></td>
<td>240 VAC 50/60</td>
<td></td>
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</tbody>
</table>

NOTE: Standard valves are furnished with 34" flying lead wires and a non-locking manual override.

NOTE 1: 1/4" plug for 2-way and code 21 mounting bracket are furnished unattached to the valve.

NOTE 2: To specify metric ports, add an "E" prefix (i.e., E310 or EV310).

ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-288A</td>
<td>Universal mounting bracket</td>
</tr>
<tr>
<td>130-31</td>
<td>1/4-inch pipe plug</td>
</tr>
<tr>
<td>HS-2</td>
<td>DIN receptacle for use with code 39 connector</td>
</tr>
<tr>
<td>HS-2L</td>
<td>Lighted DIN receptacle for use with code 39 connector. Specify voltage. DC only.</td>
</tr>
<tr>
<td>HS2-LED</td>
<td>LED DIN receptacle for use with code 59 connector.</td>
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</table>

HOW TO ORDER

Starting with Model Number specify options in order from left to right.

Example: To order Model 310-2-21-LL 12VDC

2-Way Operation (310-2)
Mounting Bracket (310-2-21)
72" Flying Leads (310-2-21-LL)
Voltage 12VDC (310-2-21-LL 12VDC)

To order Model 410-21-70-87 120VAC 50/60

Mounting Bracket (410-21)
Flow Controls (410-21-70)
No Manual Override (410-21-70-87)
Voltage 120VAC 50/60 (410-21-70-87 120VAC 50/60)

Remember: Option Codes marked STD and NA are not used as part of the Model Number when ordering. N/C indicates no charge but Option Code must be included in the Model Number. SP indicates that Option must be specified when ordering. Specified Options become part of the Model Number.

N/C = No charge
NA = Not available
STD = Standard
SP = Specify; Additional charge for this option