**SPOOL TYPE - VALVE FUNCTION**

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Individual base or manifold only</td>
</tr>
<tr>
<td>A</td>
<td>Single Operator - single pressure</td>
</tr>
<tr>
<td>B</td>
<td>Double operator - single pressure</td>
</tr>
<tr>
<td>C</td>
<td>Single operator - dual pressure</td>
</tr>
<tr>
<td>D</td>
<td>Double operator - dual pressure</td>
</tr>
<tr>
<td>E</td>
<td>3-position closed center</td>
</tr>
<tr>
<td>F</td>
<td>3-position open center</td>
</tr>
<tr>
<td>G</td>
<td>3-position single pressure, pressure center</td>
</tr>
<tr>
<td>H</td>
<td>3-position dual pressure, pressure center</td>
</tr>
<tr>
<td>I</td>
<td>3-position single pressure, pressure center</td>
</tr>
<tr>
<td>J</td>
<td>3-position dual pressure, pressure center</td>
</tr>
<tr>
<td>K</td>
<td>3-position dual pressure, open center</td>
</tr>
<tr>
<td>L</td>
<td>3-position dual pressure, closed center</td>
</tr>
</tbody>
</table>

*Note: For dual pressure w/o regulators consult factory.*

**IND. & MANIFOLD BASE PORT CONFIG.**

**INDIVIDUAL BASE PORT CONFIG.**

- **Individual Base:**
  - 0: Valve only - no base
  - A: Standard side ports (1/8", 1/4", or 3/8")
  - B: Bottom ports only
  - C: Side and bottom ports
  - D: Side inlet, side exhaust, bottom cylinder ports

**MANIFOLD BASE PORT CONFIG.**

- **Manifold Base:**
  - K: Standard ports (1/4" or 3/8" only)
  - L: Bottom cylinder ports
  - M: Bottom inlet port
  - N: Bottom inlet and cylinder ports
  - P: Bottom and end cylinder ports
  - R: Bottom cylinder & end cylinder ports w/bottom inlet port
  - S: Selector base - standard side ports

*Bottom ports available in 1/4" & 3/8" only on manifold. Bottom inlet available 1/4" only. For bottom O-ring ports, consult factory.*

**PILOT VALVE OPTIONS - (XX - DXXX - XXX)**

**PILOT EXHAUST**

- FA: Muffled exhaust
- FB: Piped exhaust

**VOLTAGE**

- FR: 12VDC (0.6w)
- FS: 24VDC (0.6w)
- FV: 12VDC(0.4w)

**LEAD WIRE LENGTH**

- P: Plug-in Valve/Base - standard
- 1: 18" 4 48"
- 2: 24" 5 72"
- 3: 36" 6 96"

**MANUAL OPERATOR**

- 0: No manual operator
- 1: Nonlocking operator
- 2: Locking operator
- 3: Nonlocking extended operator
- 4: Locking extended operator

**ELECTRICAL CONN.**

- DA: Plug-in (standard)
- BA: Grommet
- CA: Conduit 1/2" NPS
- CM: Metal conduit 1/2" NPS
- CN: Metal conduit w/grd. 1/2" NPS

**HOW TO ORDER 82 SERIES FLOW CONTROL MODULE**

**FLow Control Assembly**

- FC 82A-AA: Plug-in flow control assembly
- FC 82A-BA: Non-plug-in flow control assembly

*If flow control module is to be installed between valve and base or valve and manifold at the factory, add -9 after the flow control model number, i.e., FC82A-AA-9. The flow control model number should follow the valve model number on which it is to be installed.*

**NOTE:** Reference regulator ordering section if a sandwich regulator is required.

**NOTE:** If a flow control assembly is used with the dual pressure regulator option, only the flow control on the "A" end is functional. (Controls both cylinder ports.)

**HOW TO ORDER**

Consult “Precautions” page 364 before use, installation or service of MAC Valves.