Sandwich pressure regulator with manual adjust knob

OPERATIONAL BENEFITS
1. Easy mounting: saves on installation costs in comparison with inline regulators.
2. Compact all-included units.
3. Large orifice provides high flow.
4. Various functions available.
5. Simple, reliable and solid design.

HOW TO ORDER

NON PLUG-IN SANDWICH REGULATORS (KNOB ADJUSTMENT)

<table>
<thead>
<tr>
<th>Gage port</th>
<th>Regulator &quot;12&quot; and Internal pilot</th>
<th>Regulator &quot;12&quot; and External pilot</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR48B-AAAA</td>
<td>PR48B-ABAA</td>
<td></td>
</tr>
</tbody>
</table>

PLUG-IN SANDWICH REGULATORS (KNOB ADJUSTMENT)

<table>
<thead>
<tr>
<th>Gage port</th>
<th>Regulator &quot;12&quot; and Internal pilot</th>
<th>Regulator &quot;12&quot; and External pilot</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR48B-AAAA</td>
<td>PR48B-ABAA</td>
<td></td>
</tr>
</tbody>
</table>

Notes:
- External pilot regulator required only when supply pressure (primary) to the valve is below the minimum operating pressure of the 48 series valve.
- When an internal pilot regulator is used with the 48 series valve, the valve should be ordered as external pilot and the base should be ordered as internal pilot. This ensures that the pilot supply is not regulated. If an internal pilot valve and base are used with an internal pilot regulator, the pilot supply is regulated.

Example: Valve 48B-AM D -AA A _GxxP-xxx with PR48B-AAAA

External pilot option in valve
Internal pilot option in base

OPTIONS

Pressure range:
- A 0 to 120 PSI
- B 0 to 80 PSI
- C 0 to 30 PSI

Adjustment for:
- Plug-in regulator
  - Knob
  - Screwdriver slot
  - Screwdriver slot with locknut
- Non plug-in regulator
  - Knob
  - Screwdriver slot
  - Screwdriver slot with locknut

Consult “Precautions” page 327 before use, installation or service of MAC Valves.
**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Fluid</th>
<th>Compressed air, inert gases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure range</td>
<td>0 to 120 PSI</td>
</tr>
<tr>
<td>Regulating range</td>
<td>0 to 120 PSI</td>
</tr>
<tr>
<td>Lubrication</td>
<td>Not required, if used select a medium aniline point lubricant (between 180°F to 210°F)</td>
</tr>
<tr>
<td>Filtration</td>
<td>40 µ</td>
</tr>
<tr>
<td>Temperature range</td>
<td>0°F to 120°F (-18°C to +50°C)</td>
</tr>
<tr>
<td>Flow</td>
<td>0.8 Cv</td>
</tr>
</tbody>
</table>

**Spare parts:**
- Pressure regulator (less sandwich block): PR48B-C0AA (knob), PR48B-F0AA (screwdriver slot), PR48B-J0AA (screwdriver slot with locknut)
- Gage: 24177-160 (0 to 160 PSI, 23 mm)
  - 24177-100 (0 to 100 PSI, 23 mm)
  - 24177-060 (0 to 60 PSI, 23 mm)

**DIMENSIONS**

Dimensions shown are metric (mm)

Consult “Precautions” page 327 before use, installation or service of MAC Valves.