Dwyer Instruments, Inc.  | dwyer-inst.com

**SERIES 1996**

**GAS PRESSURE SWITCH**

Compact, Low Cost, 1.4 to 20 in w.c. Range

Reliable and convenient, the Series 1996 Gas Pressure Switch serves as a compact, low cost switch for gas fired furnaces and equipment. Pressure ranges for both models are ideal for high or low gas pressure interlock. Visible set point and on-off indicators add convenience in servicing. Use either NO or NC contacts on SPDT switch. Bottom connection has both 1/8” female and 1/4” male threads for pipe nipple or coupling. Top connection vents diaphragm chamber to outside or to furnace combustion chamber. Mount switch with diaphragm in a horizontal position and gas pressure connection at bottom. Used with natural, manufactured or LP gas.  

**FEATURES/BENEFITS**

- Visible set point and on-off indicator simplifies operation and trouble shooting
- Compact size and low cost make it ideal for gas fired or gas equipment OEM applications
- Natural, manufactured or LP gas applications

**APPLICATIONS**

- Gas furnaces
- Natural, manufactured or LP gas applications

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**SERIES PG | MERCOID® BY DWYER**

**GAS PRESSURE/DIFFERENTIAL PRESSURE SWITCHES**

External Adjustment, Visible Dial, Hermetically Sealed Snap or Mercury Switch

The Series PG Gas Pressure/Differential Pressure Switch has a large sensitive diaphragm and a reliable time proven mechanical design. For use with air and other compatible gasses, they feature excellent ±1% of full-scale repeatability, clear easy-to-read scale and convenient external set point adjustment. Application flexibility is assured by a large variety of switching options including SPST, SPDT, DPST and DPDT; opening or closing on increasing pressure, vacuum or decreasing pressure. Mercury switches or hermetically sealed snap switches are available where high humidity would be a problem. If vibration or other factors preclude the use of mercury, snap switches can be provided. Standard housing is NEMA 1. Optional enclosures can be supplied for weather resistant and explosion-proof requirements.

**FEATURES/BENEFITS**

- Clear easy-to-read scale and external set point adjustment simplifies operation and trouble shooting
- Large diaphragm provides accuracy for precise control
- Multiple switching options meet the design of applications

**APPLICATIONS**

- Natural, manufactured or LP gas applications

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**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range (in w.c.)</th>
<th>Model</th>
<th>Range (in w.c.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996-5</td>
<td>1.4 to 5.5</td>
<td>1996-20</td>
<td>4-20</td>
</tr>
</tbody>
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**SPECIFICATIONS**

- **Service:** Air, natural & manufactured gas, LP gas.
- **Wetted Materials:** Consult factory.
- **Temperature Limits:** 32 to 110°F (0 to 43.3°C) -30 to 110°F (-34.4 to 43.3°C) for high or low pressure gas or dry air.
- **Pressure Limits:** 45 in w.c. (11.2 kPa) continuous; 10 psig (68.95 kPa) surge.
- **Switch Type:** SPDT.
- **Electrical Rating:** 1A @ 120 VAC, 30 VDC resistive. SPDT H.S. Gold Snap: 5A @ 125/250 VAC, 30 VDC resistive. SPDT H.S. Silver Snap: 5A @ 125/250 VAC, 30 VDC resistive. SPDT mercury: 4A @ 120 VAC/VDC.
- **Process Tubing Options:** See page 455 (Gage Tubing Accessories)
- **Agency Approvals:** CE, CSA, FM, UL.

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**USA: California Proposition 65**

**WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov**