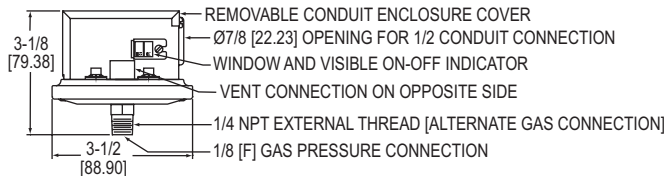


**Dwyer**

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. ①②

## 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

## APPLICATIONS

- Gas furnaces
- Natural, manufactured or LP gas applications

## MODEL CHART

Model	Range (in w.c.)	Model	Range (in w.c.)
1996-5	1.4 to 5.5	1996-20	4-20

## 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 dry 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:** 15A @ 120-480 VAC, 60 Hz. Resistive 1/8 H.P. @ 125 VAC, 1/4 H.P. @ 250 VAC 60 Hz.

**Electrical Connections:** 3 screw type, common, normally open, normally closed.

**Process Connections:** 1/8" female NPT or 1/4" male NPT.

**Vent Connection:** 1/8" female NPT.

**Mounting Orientation:** Diaphragm in horizontal position. Consult factory for other position orientations.

**Set Point Adjustment:** Screw type with visible indicator, inside conduit enclosure.

**Weight:** 1 lb 2.3 oz (349 g).

**Agency Approvals:** CE, CSA, FM, UL.

① Explosion-Proof Alternative: See page 55 (Series 1950)

② Explosion-Proof Alternative: See page 55 (Series 1950G)

Process Tubing Options: See page 455 (Gage Tubing Accessories)