



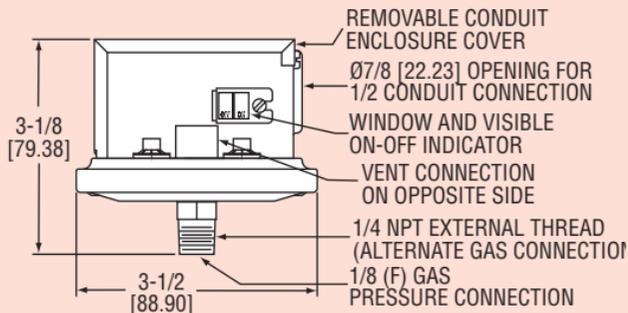
Series
1996

Gas Pressure Switches

Compact, Low Cost, 4 in - 20 in w.c. Range



Model 1996-20 gas-air pressure switch. Connections, dimensions and visible on-off indicator are shown.



Reliable and convenient, the 1996-5 and the 1996-20 Gas Pressure Switches serve 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. Also see Model 1950G.

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

See page 567 for process tubing options.

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: Single-pole double-throw (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.