The Series PDPS Pressure Switches are specifically designed to satisfy the demands of high volume original equipment manufacturers for a tough, dependable limit switch at a very low price. The Model 1710 uses Dwyer’s simple, time-proven method of mechanically coupling a sensitive 3” diameter silicone rubber diaphragm to a versatile SPDT snap switch. The switch housing is precision molded of a high strength glass filled PPO which has excellent dimensional and thermal stability. This unique combination of existing and new technologies enables Dwyer to offer a limit switch priced less than comparable units without sacrificing performance. Installation is fast and simple with twist and tighten mounting screw slots, 1/4” quick connect electrical terminals and dual size barbed pressure ports for 1/8” and 3/16” ID vinyl or rubber tubing.

For use with air and other non-combustible, non-corrosive gases, switches are UL and CSA recognized. Two models are offered with field adjustable ranges from .15 to .55 and .50 to 7.5 in. w.c. Units are rated for 2 PSIG maximum system pressure, temperature limit is 190°F and weight is only 4 oz.

APPLICATIONS
- High efficiency furnaces
- Duct pressure monitor
- Laboratory fume hoods
- Monitor air filter condition
- Engine diagnostic equipment

SPECIFICATIONS
- Service: Air and compatible gases.
- Temperature Limits: -40 to 185°F (-40 to 85°C).
- Pressure Limits: 2 psig (13.79 kPa).
- Burst Pressure: 1.0 psi (0.069 bar).
- Repeatability: ±0.02” of w.c.
- Set Point Adjustment: Mount switch with diaphragm in a vertical position unless customer has specified otherwise.
- Mounting Orientation: Set point adjustable at factory.
- Agency Approvals: UL-353 pilot duty, CE marked.
- Weight: 2.7 oz (76.5 g).

CALL TO ORDER: U.S. Phone 219 879-8000 • U.K. Phone (+44) (0)1494-461707 • Australia Phone (+61) (0) 2 4272 2055