

## SPECIFICATIONS

### MECHANICAL

Standard Tolerance	Varies by set point — contact us
Switch Type	SPDT
Switching Medium	Air; compatible fluids
Mechanical Life	Tested hundreds of thousands of cycles; Exceeds UL-508 / UL-353 Pilot Duty requirements
Max Operating Pressure	PS160 - 0.5psi / PS100 - 1.0psi
Burst Pressure	3.5psi
Operating Temperature	PS160 -40°F to +185°F / PS100 -13°F to +221°F

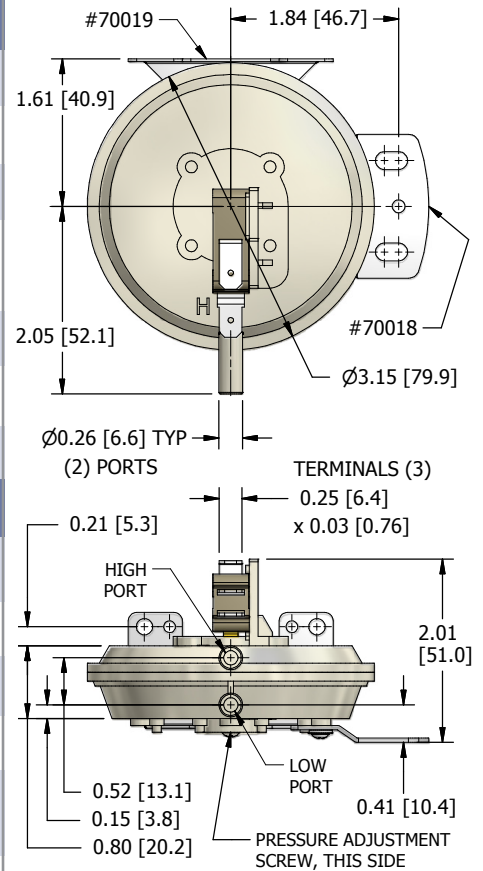
### PHYSICAL

Case Material	Noryl® (PPO)
Porting Options	Multi-barb 0.250 in. and 0.375 in. tubing ID (PS100) / 0.25 tubing ID. (PS160)
Diaphragm Material	Post-Cured Silicon
Contact Points	Silver
Electrical Connections	Terminals — 0.250 in. x 0.30 in. tab-type for use with quick disconnects
Mounting (see brackets shown below)	PS100 Series: Vertical mount recommended PS160 Series: Variable position vertical mounting brackets available. Note: Always mount with diaphragm in vertical position unless otherwise specified
Weight	Less than 80 grams average (varies with snap switch / brackets)

### ELECTRICAL

Current / Voltage Rating	5A 125/250 VAC Standard   3A 125/250 AC   1/10 HP 125/250 VAC .01A 125/250 VAC
Rated Standards	(UL 1054, EN 61058)   UL/VDE Approved MH29861 Related: UL 353, UL 508, BS EN 1854: 1997

MOUNTING BRACKET STYLE MUST BE SELECTED  
(ONLY ONE IS REQUIRED)

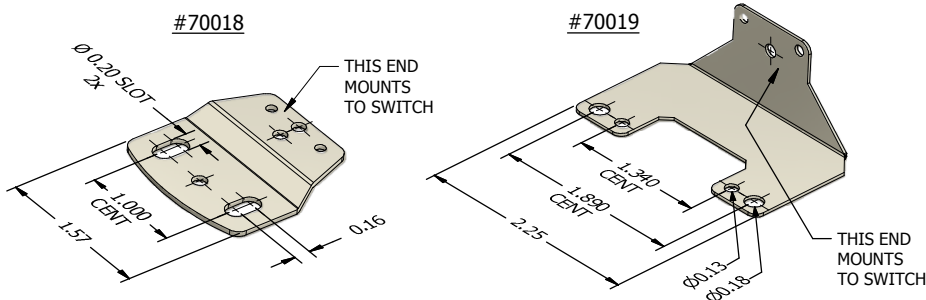


**PS160**



**RoHS**

**PS100 & PS160**



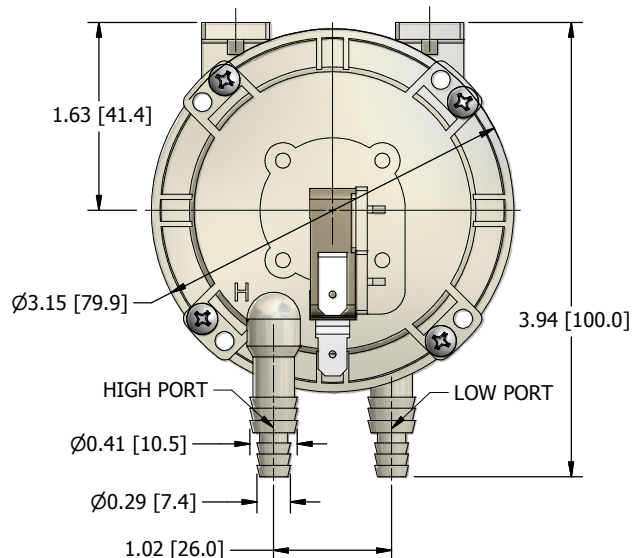
**PS100**

**RoHS**

The rugged yet ultra-sensitive Goldtech™ PS100 and PS160 series pressure switches feature a larger diameter diaphragm and incorporate a conventional snap action switch element. This design assures reliable performance under harsh and adverse conditions, while remaining low in relative cost. Sample switch available by request.

**FEATURES / BENEFITS**

- Reliable performance under harsh / adverse conditions
- Larger diameter diaphragm / Conventional snap action
- Standard set point ranges from: 0.07" H<sub>2</sub>O to 5.0" H<sub>2</sub>O
- Multi-barb port connections standard tubing: 0.250 in. and 0.375 in.
- Orifices, bleed holes and various mounting configurations available on all models
- Lightweight, low cost
- Rigorously tested – Exceeds UL-508 / UL-353 Pilot Duty requirements (Tested hundreds of thousands of cycles)
- Silver contact points
- Different sized electric terminations available for same unit



PS100

