

PS100

The rugged yet ultra-sensitive Goldtech ${ }^{\text {TM }}$ 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: $0.07{ }^{\prime \prime} \mathrm{H}_{2} \mathrm{O}$ to $5.0^{\prime \prime} \mathrm{H}_{2} \mathrm{O}$
- 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


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## SPECIFICATIONS

## MECHANICAL

Standard Tolerance
Switch Type
Switching Medium
Mechanical Life

Max Operating Pressure
Burst Pressure
Operating Temperature

Varies by set point - contact us
SPDT
Air; compatible fluids
Tested hundreds of thousands of cycles;
Exceeds UL-508 / UL-353 Pilot Duty requirements
PS160-0.5psi / PS100-1.0psi
3.5psi

PS160 $-40^{\circ} \mathrm{F}$ to $+185^{\circ} \mathrm{F} / \mathrm{PS} 100-13^{\circ} \mathrm{F}$ to +221 F

## PHYSICAL

Case Material
Porting Options
Diaphragm Material
Contact Points
Electrical Connections

Mounting
(see brackets shown below)

Weight

## ELECTRICAL

Current / Voltage Rating

Rated Standards

## Nory ${ }^{\oplus}$ (PPO)

Multi-barb 0.250 in. and 0.375 in. tubing ID (PS100) / 0.25 tubing ID. (PS160)
Post-Cured Silicon
Silver
Terminals - $0.250 \mathrm{in} . \times 0.30 \mathrm{in}$. tab-type for use
with quick disconnects

PS100 Series: Vertical mount recommended
PS160 Series: Variable position vertical mounting brackets available.
Note: Always mount with diaphragm in vertical position unless otherwise specified
Less than 80 grams average (varies with snap switch / brackets)

5A 125/250 VAC Standard | 3A 125/250 AC | 1/10 HP 125/250 VAC .01A 125/250 VAC
(UL 1054, EN 61058) | UL/NDE Approved MH29861
Related: UL 353, UL 508, BS EN 1854: 1997


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

(2) PORTS

TERMINALS (3)


PS160


