

OVERVIEW

Larger diameter diaphragm and conventional snap action switches

Available in vacuum, pressure or differential models

Multi-barb port connections standard

Bleed holes and various mounting configurations available on all models

Factory calibrated to customer's specification
0.05" to 5.0" H₂O

Multiple contact materials including gold for low current and silver for higher amperage applications

Different size electrical terminations available within same unit

Tested over hundreds of thousands of cycles exceeding UL-508 and UL-353 requirements

Compared to other switches in the field, the new Goldtech series is slightly larger in diameter and uses a conventional snap action switch as its main switching element; a clear indication of reliability and dependability. Available in pressure, vacuum, or differential models with standard multi-barb port connections, orifices, bleed holes, and various mounting configurations. These units are factory calibrated to specific customer requirements from 0.05" H₂O to 5.0" H₂O. Field adjustable models available from .2" H₂O to 5.0" H₂O.

The piggy-back design allows the use of different snap-acting switches, for example switches with gold contacts are used for today's demanding low-energy circuits in electronic control boards and switches with silver alloy contacts are used for high amperage applications when the switch is used as the direct load switching member. We also have the ability to offer different size electrical terminations within the same unit, a valuable safety feature that prevents field technicians from incorrectly wiring the switch during routine service calls.

These units have undergone rigorous testing for hundreds of thousands of cycles, exceeding UL-508 Industrial Controls and UL-353 Pilot Duty requirements.



SPECIFICATIONS

Body: Noryl (PPO)

Diaphragm: Post-Cured Silicon

Terminals: .035 x .250 or .02 x .187

Contacts: Various Silver Alloys and Gold

Electrical Rating:

5A 125/250 VAC Standard

3A 125/250 AC 1/10 HP 125/250 VAC, .01A 125/250 VAC

Gold (Resistive Load) (UL 1054, EN 61058)

UL/VDE Approved MH29861

Related Standards: UL 353, UL 508, BS EN 1854: 1997

Contact Form: SPDT, SPST-NO, SPST-NC

Operating Temperature: -40 to 185 F

Operating Pressure: 0.05"H₂O to 5.0" H₂O

Proof Pressure: 1.0 PSI

Burst Pressure: 3.5 PSI

Port Connections: Multi-barb .250 in. and .375 in.

Note: Always mount with diaphragm in vertical position unless specified otherwise.

