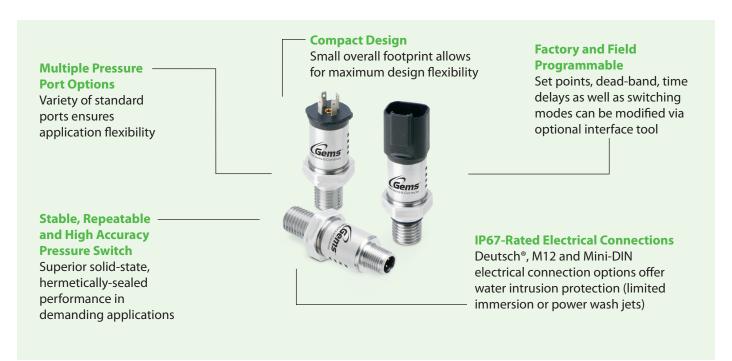


## **3600 SERIES**ELECTRONIC PRESSURE SWITCHES

# Solid-state pressure switch that offers exceptional stability and configurability in demanding applications.

Factory and field programmable for switch set/reset points and time delay



#### **High switch accuracy**

With a 0.1% set-point and dead-band resolution that can be factory set or user configured, the 3600 series is both flexible and highly accurate. Additionally, the 3600 operates over a wide temperature range while maintaining a high switch point accuracy and a 1ms response time.

#### Factory or field programmable

The 3600 features multiple programmable modes (switch high, switch low or window-mode) as well as customizable hysteresis and switching delays. Unlike mechanical switches, the 3600 can be configured to provide wide and narrow dead-bands.

#### Reliable operation over wide pressure range

The 3600 is highly dependable across a wide pressure range and in high-cycle applications (up to 100 million actuations). The all stainless steel construction and and hermetically sealed pressure port ensures the 3600 stands up to rugged environments including high shock and vibration.

#### High current switching

Capable of switching up to 1 amp with options for switch to ground (sinking) or switch to supply rail (sourcing) configurations.

## Ready to Serve Your Most Demanding Applications



#### **Medical Gases And Sterilization**

Hermetically sealed, handles high temperature and oxygen cleaning.



Fire Suppression

Leak-free operation ensures accurate monitoring.

#### **3600 SERIES**





Optional USB interface tool

#### **Off Highway Vehicles**

Rugged shock and vibration resistance for operation up to 100 million cycles.



#### **Air Compressor Control**

Factory and field-programmable switching modes optimize compressor operating efficiency.

### **3600 Series Competitive Advantages**

- Operates Over a Wide Temperature Range While maintaining high switch point accuracy
- Highly Configurable Able to provide wide and narrow dead bands
- Rugged Design All stainless steel construction and hermetically sealed for high-cycle applications (up to 100 million cycles)
- Factory or Field Programmable Switch set & reset points, time delays and fuction modes can be factory programmed per customer specification, and modified in the field with optional USB interface tool
- Zero Leakage Hermetically sealed housing suitable for applications that cannot tolerate any gas leakage.

#### **3600 Series Options**

- Actuation Condition:
  - High Side Switch (Current Sourcing)
  - Low Side Switch (Current Sinking)
- Electrical Connections:
  - B Industrial DIN 9.4 mm
  - E M12 x 1
  - •8 Deutsch® DT04-4P
- **Mounting Type:** 
  - 01 G1/4" External
  - 02 1/4" 18 NPT
  - 05 G1/4" A Integral Face Seal
  - 08 1/8" 27 NPT
  - 1P 9/16" 18 UNF 2A (SAE #6)
  - 1J 7/16" 20 External (SAE #4, J1926-2)
- Switch Point Programming
  - Switch points can be factory set and/ or adjusted in the field via optional USB interface tool.
- Approvals
  - CE RoHS UL and CRN pending

Visit GemsSensors.com to view our full range of pressure sensing products





3100 Compact Pressure Transmitters



PS61 Subminiature Pressure Switches

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