



North American Sensors Corp.

# Level Switches



Custom Multi-level Switches up to 10', and 6 levels. S.S., Brass, or Plastics



Single Level



Side Mount Level Switch, 1" NPT, S.S. or Brass with S.S.

Bilge/Sump Level Switches are all S.S., with or without test mechanisms



External Mounted Level Switches in brass or S.S., with or without test mechanisms. Single or multi-level.

*Note:* Standard for single level switches is SPDT, SPST for multi-level switches. Switch rating; 10VA, 25VA, or 100VA. Custom wire and cable lengths. one year warranty.



# Level Transmitters

Hydrostatic Level Transmitters



Features: 2 wire, 4-20ma output  
10X overpressure, hastelloy diaphragm  
Zero & span adjustments(3:1 turndown)  
All marine approvals, ATEX



Features: Dual mode- RS485(Modbus) and 4-20ma output. Temperature output in digital mode. Set-up and monitoring software provided. ATEX, zone 0 and ABS type approved.

Float Level Transmitter



Top mount Sight Glass



**Products that make sense**

# Pressure Switches

All pressure switches are precision machined from the highest grades of aluminum and S.S.. All aluminum components are anodized for maximum corrosion resistance. All switches are field adjustable. These switches are electro-mechanical devices that are diaphragm or piston actuated utilizing a micro-switch.



**Series 1:**

UL, and cUL approval  
 Range: vacuum 1 - 28" Hg  
 DP from 2 - 95 psid  
 Press. 0 - 5000 psig  
 Materials: S.S. and anodized aluminum  
 Housing: Nema 4X, 13



**Series 2:**

UL, and cUL approval  
 Range: 2 - 4500 psig  
 Materials: S.S. and anodized aluminum  
 Housing: Nema 4X, 13



**Series 5:**

UL, cUL and ATEX pending.  
 Range: 2- 4500 psig  
 Materials: S.S. and anodized aluminum  
 Housing: Nema 4X, 7, 9 (explosion proof)



**Series 6:**

UL, and CSA approval  
 Range: 3" WC - 5000 psig  
 Materials: S.S. and anodized aluminum  
 Housing: Nema 4X, 7, 9 (explosion proof)

Standard switches are SPDT rated 11A @ 125/250VAC. DPDT switches are also available. Other switches available @ 5A and with gold contacts. One year warranty.

# Pressure Transmitters



**Pressure Transmitters:**  
 Ceramic diaphragm, S.S. construction, 3X over-pressure. Range: .1-600bar  
 Accuracy: .25% of span.  
 Nema 4X & submersible.



**Intelligent Pressure/Level Transmitters:**  
 Output; Rs485(Modbus® ) pressure and temp., with accuracy .1% of span. Analog mode, 4-20ma, accuracy .25% of span.  
 Range: absolute vacuum to 100psig. Over-pressure to 300psig. Integrated support software (ISS) provided for calibration, diagnostics, & on-line monitoring of sensor(s).  
 Approvals: ATEX, zone 0 and ABS



**Density Transmitter:**  
 Measures the density of liquids in a tank.  
 2 wire, 4-20ma output  
 Specific gravities: .7-3, weights from 6#/gal. to 30#/gal. ATEX approved

**We sell solutions**

**North American Sensors Corporation** manufactures custom level sensors as well as ABS approved bilge level, external mounted level switches and transmitters. We utilize both magnetic-reed technology and ceramic capacitance technologies. We incorporate test mechanisms on several of our level switches so they can be tested in service. Standard warranty is one year from date of purchase.

**Pressure Switches, Inc.** manufactures UL, cUL & ATEX approved pressure switches. PSI's line of pressure, vacuum and DP switches are electro-mechanical devices utilizing a micro-switch. They are precision CNC machined from the highest grade materials. All the aluminum bodies and components are anodized for maximum corrosion resistance. Product ranges from 28"Hg vacuum, 3" WC to 7500 psig. Standard warranty is one year from date of purchase.

**We serve many industries worldwide.**

- Marine
- Oil & Gas
- Water & Wastewater
- Utilities
- Pharmaceutical
- Aerospace
- Manufacturing
- Petrochem
- Food & Beverage

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