The ALS-PL1 pressure based water level sensor is suitable for applications with a wide swing of pressure or liquid depth from 0-9.8 meters. Unlike ultrasonic sensors it is not affected by frothing above the media. Since it is pressure based, it requires mounting at the lowest level of liquid that should be measured. Process mounting is via G 1 Connection or an available adapter to 3/4" NPT male thread.

**Specifications**

- **Body material**
  Stainless Steel 316 L; ceramics (99.9 % Al2 O3)

- **Dimensions**
  99.5 mm (H) x 48.5 mm (D); Weight = 388 grams.

- **Linearity; Hysteresis**
  <+0.5 %; <+0.1 %

- **Measurement Range**
  0-1,000 mbar; 0-14.5 PSI

- **Temperature Range**
  -25-80 deg C

- **Pressure rating**
  10,000 mbar; 145 PSI

- **Signal conditioning cable**
  ALS-BPL1

- **Process Connection**
  G 1 Type Connection; Available Adapter: G 1 - ¾”NPT (P/N ALS-PFI1)

**Features**

- Pressure based liquid level measurement allows large dynamic range up to 10 meters

- Robust design with high bursting pressure (30,000 mbar) and wide temperature range

- High accuracy with <+0.6% of span total error

- Corrosion resistant stainless steel

- Available 3/4" NPT adapter for standard process mounting

sales@algaelabsystems.com
www.algaelabsystems.com

(720) 980-0809