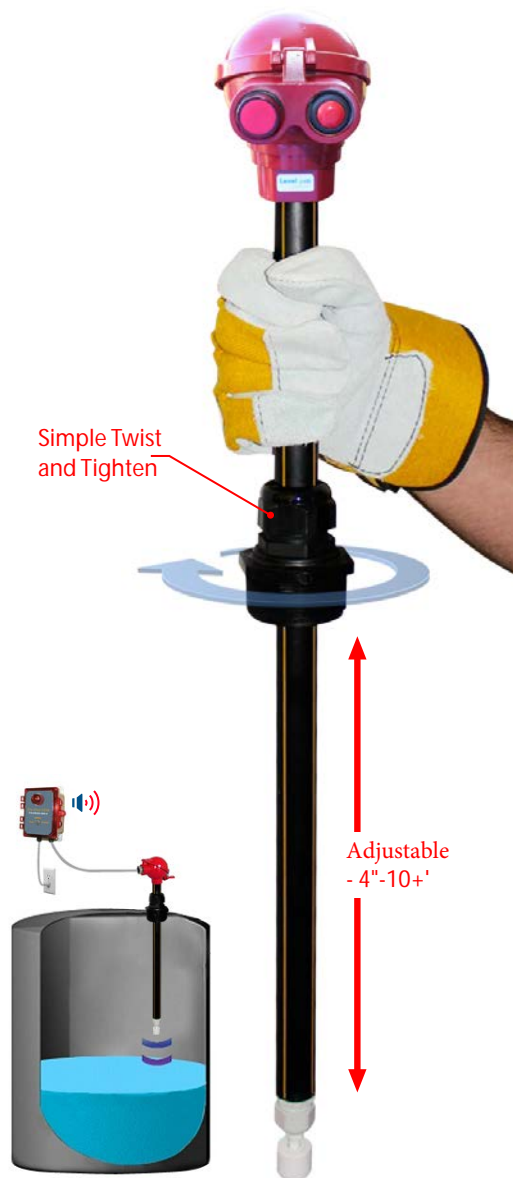


Liquid Level or Leak Detection

The Proswitch General Purpose Liquid level and Leak Detection switch package provides reliable, high or low liquid level switching or leak detection via (non-contact) relay or reed switch output and a compact junction box for integral wiring termination. The all plastic ProSwitch can be broadly applied in drum, bulk storage, sump and day tank level applications as a high level alarm or low level alarm, or for Leak Detection notification on double walled tanks.



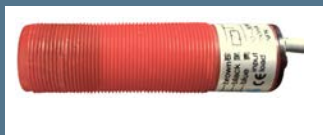
FEATURES

- Excellent Chemical Resistance- Asahi America Advanced PE Shaft
- Polypro or PVDF single-point Leak/Level Detection
- Epoxy coated enclosure rated NEMA 4X
- Fully Field Adjustable - 4"-10'+
- All Plastic Wetted Parts-Excellent Corrosion Resistance

KEY BENEFITS

- Mounts directly on the top of tank (1"-2" NPT)
- Adjustable length for either high or low switch points-4" to 10 ft *
- Switch output interfaces directly with PLC/SCADA
- Ideal for high alarm/low alarm indication/control
- Can be used as low level pump protection or high level overflow protection

Non-Contact Capacitance Level



Broadly applied in corrosive chemicals (Non -Contact)

Buoyancy Level Switch-PP



Applied in wastewater with light coating or scaling

Buoyancy PP- PVDF with Slosh Shield



Broadly applied in highly corrosive chemicals

Buoyancy Level Switch-PVDF

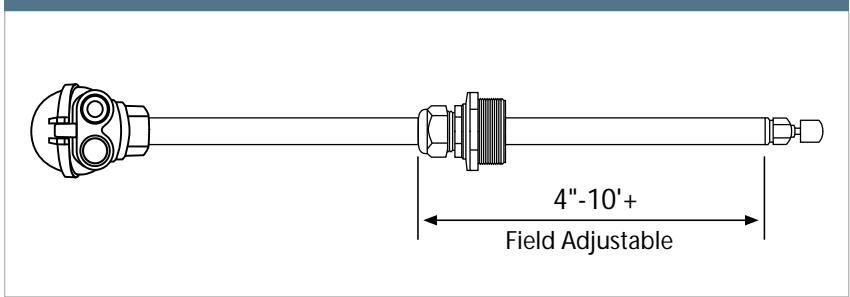


Broadly applied in highly corrosive chemicals

Specifications

Length	4" to 10' + (Plus) *
Accuracy	± 1mm in water
Repeatability	± 0.5 mm in water
Orientation	± 20° vertical-Buoyancy Type
Switch Points	Adjustable
Supply Voltage	PB / PD: N/R PC: 12-36 VDC
Consumption	PB / PD: N/A PC: 25 mA Max.
Contact Type	PB / PD (1) SPDT reed PC: NPN or PNP
Contact Rating	PB / PD: 15 VA, 0.25A Max. PC: 25mA Max
Contact Output	Selectable NO / NC
Process Temp.	F: -40° to 176° C: -40° to 80°
Ambient Temp.	F: -40° to 140° C: -40° to 60°
Installed Height	3.6" (9.1cm) above tank process mount
Pressure	PB / PD: 25 psi (1.7 bar) PC 150 psi (10 bar)
Enclosure Rating	NEMA 4X (IP65)
Enclosure mat.	Epoxy Coated Aluminum
Terminal Strip	4-pole, socket
Conduit Entrance	1/2" NPT
Wetted Material	PC: PP PD:PVDF PB: PP
Process Mount	1" NPT 2" NPT
Classification	General purpose
Compliance	CE

Dimensions

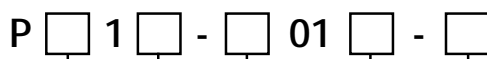


Fittings

For optimum performance, install the level sensor using the below recommended or direct equivalent fittings.

-  PGC002-2" NPT (Male)
-  PCG001-1" NPT (Male)
-  BH001 - 1" Socket X 1" NPT (Sch. 80)
2" Socket X 2" NPT (Sch. 80)
-  BH002- 2" NPT Bulkhead Fitting, PVC
-  PFS002- 2" NPT Flange - 150# (Sch. 80)
-  ProAlert 1000 SERIES
AUDIBLE SENTRY ALARMSYSTEM

Ordering



- Sensor technology (1)**
 - C Capacitance-Powered -24VDC
 - B Buoyancy-No Power Required
 - D Buoyancy (Slosh Shield)
- Contacts (2)**
 - 6 Blind-Junction Box Only
 - 8 Local Visual Indication Only -Battery
 - 9 Local Visual/Audible Indication -24 VDC
- Wetted material (3)**
 - 4 PP-(Buoyancy or Capacitance)
 - 5 PVDF (Buoyancy Only)
- Process mount**
 - 3 2" NPT
 - 7 1" NPT
- Dimensions (4)**
 - A Specify Inches

Notes

- 1) Select the best level sensor technology based upon your application.
- 2) PVDF is only available in and buoyancy configurations. Specify the A-dimension at the end of the part number (ie: PC16-6014-3-24"). The dimension may be specified in 1/2" (1.3cm) increments from 6" to 10' (15cm to 3m). To calculate the length adder, round up the Adimension to the next foot, For PE, add \$20 per foot.