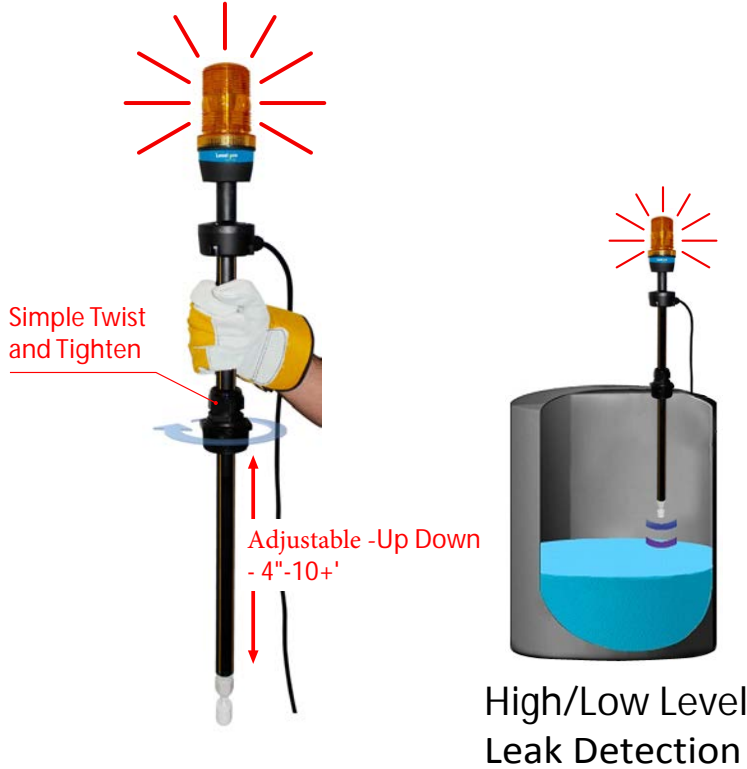


The **Alertpro Liquid level and Leak Detection** package provides reliable, high or low liquid level indication. This all plastic **Alertpro Series** consists of of an Advanced PE shaft with a Polypropylene or PVDF liquid level switch. The Alertpro Series can be broadly applied in **drum, bulk storage, sump and day tank level** applications or as a **high/low level alarm or leak detection alarm** on double walled tanks



SPECIFICATIONS	
Length	4" to 10' + (Plus) *
Accuracy	± 3mm in water
Repeatability	± 0.5 mm in water
Orientation	± 20° vertical
Switch Points	Field Adjustable
Supply Voltage	PB1/30: N/R PC1: 12-36 VDC
Consumption	PB1/30: N/A PC1: 25 mA max.
Contact Type	PB1 (1) SPST Reed PC1: (1) PNP or NPN
Contact Rating	PB1/30: 15 VA, 0.25A Max. PC1: 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/PS: 25 psi (1.7 bar) PC: 150 psi (10 bar)
Enclosure Rating	NEMA 4X (IP65)
Enclosure mat.	PP, UL94VO
Terminal Strip	4-pole, socket
Conduit Entrance	1/2" NPT
Wetted Material	PB1:PP/PVDF PS1: PP/PVDF PC1 -PP
Process Mount	7: 1" NPT 3: 2" NPT
Classification	General purpose
Compliance	CE

### FEATURES

- Excellent Chemical Resistance- Advanced PE Pipe by Asahi America
- Low Cost Level/Leak Detection
- Polypro or PVDF single-point Leak/Level Detection
- All Plastic Design-Superior Corrosion Resistance
- 120VAC-24VDC or Battery Operated
- Fully Field Adjustable - 4"-10'+

### 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

#### Capacitance Level



**PC1**

Broadly applied in corrosive chemicals

#### Buoyancy Level Switch-PP



**PB1(4)**

Applied in wastewater with light coating or scaling

#### Buoyancy Level Switch-PVDF



**PB1(5)**

Applied in wastewater with light coating or scaling

#### Buoyancy PP/PVDF with Slosh Shield

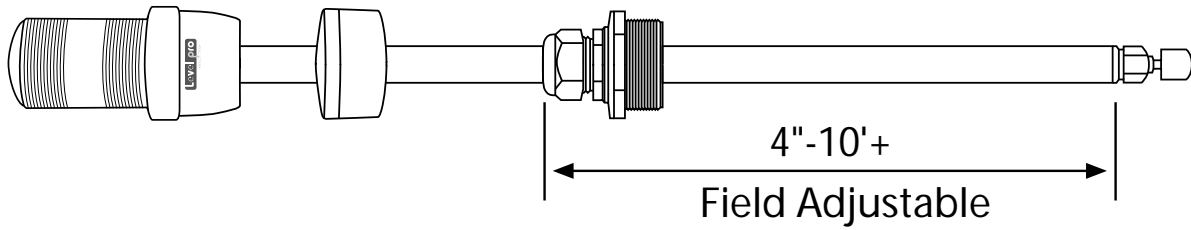


**PS1(4)**

**PS1(5)**

Broadly applied Splashing corrosive chemicals

### FITTINGS

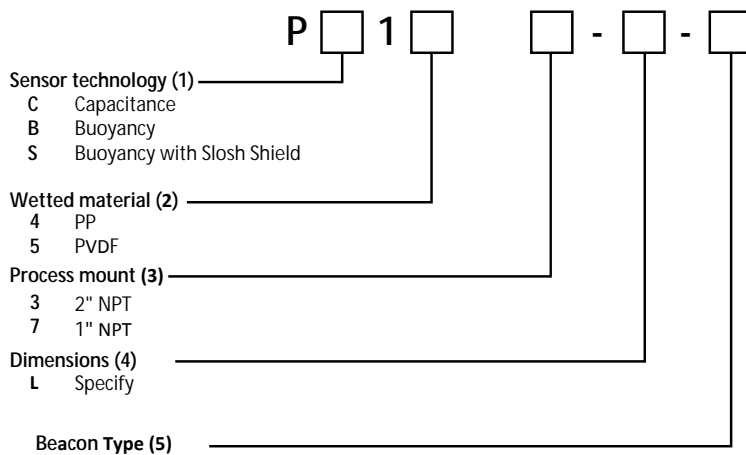


### Fittings

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

- |   |   |
|---|---|
|  CG-020 2" NPT                       |  BH002 2" NPT Bulkhead Fitting, PVC    |
|  CG-010 1" NPT                       |  PFS002 2" NPT Flange - 150# (Sch. 80) |
|  BH001 1" Socket X 1" NPT (Sch. 80) |   |

### Ordering



### 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: PC53-36-AV1)  
The dimension may be specified in 1" increments from 6" to 10'. To calculate the length adder, round up the to the next foot

### Beacons + Pushbutton



Xenon Type Super Bright  
12-36 VDC  
Model -**SB Series**



LED Type - High Intensity - 120 VAC or 24VDC  
Model-**V Series** - 120VAC  
Model-**V24 Series** - 24VDC



LED Light + Buzzer Audible Alert 120VAC-24 VDC  
Model-**VA Series** - 120VAC  
Model-**VA2 Series** - 24VDC

### Other Accessories



Push Button - Test /Off  
**PB-T** ( Temporary on-off ) **PB-P** ( Push On-Push Off)



ProAlert 1000 SERIES  
AUDIBLE SENTRY ALARM  
SYSTEM Model-**PA1000** -  
**(Buoyancy Type)**  
**PA1000-PR-(Capacitance)**  
**Type**