

# LevelPro® — PLA

## Float Level Switch Assembly & Alarm Light

### Features

- ✓ 6" - 96" Range
- ✓ Up to 2 Relay Contacts
- ✓ Visual Alarm Indication Light
- ✓ 2" NPT Connection
- ✓ PVC | PP | PVDF | 316 SS
- ✓ Superior Chemical Resistance
- ✓ Suitable for Non-Coating Acids | Bases
- ✓ NEMA 4X Enclosure

### Precision Liquid Level Detection for Industrial Excellence

The PLA Liquid Level Float Switch provides liquid level detection up to 8' (2.4m) with 1 or 2 level switch points and a compact junction box for wiring termination. Additionally, the PLA features a visual alarm light for upset conditions.

This all plastic level switch package is selected for day tank, skid or machine, cooling tower, waste sump or process tank applications, and can be connected directly to a PLC or relay controller. It makes a perfect on | off switch for pumps or valves and can be used to completely automate your tank. The PLA is only suitable for non-viscous and non-coating liquids.

### Visual Alarm Indication Light

Conditions Within Parameters



Upset Condition



M12 Quick Connection

NEMA 4X

2" NPT

Up to 2 Switching Points

- PVC
- PP
- PVDF
- 316 SS

PVC

PP

PVDF

316SS



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## Float Level Switch Assembly & Alarm Light

### Specifications

General		
Operating Range	0.5 to 8 ft	0.15 to 2.4 m
Connection	2" NPT	
Accuracy	±2 mm	
Hysteresis	8 mm	
Materials		
Sensor Body	PVC   PP   PVDF   316 SS	
O-Rings	N/A	
Enclosure	Glass Filled Polypropylene   NEMA 4X   IP67	
Electrical		
Power Supply	24VDC	
Voltage Rating	Minimum Switching Capacity 60VAC   9VDC	Maximum Switching Capacity 120VAC   36VDC
Operating Temperature		
PVC	32°F to 140°F	0°C to 60°C
PP	-4°F to 190°F	-20°C to 88°C
PVDF	-40°F to 240°F	-40°C to 115°C
316 SS	-40°F to 300°F	-40°C to 149°C
Standards and Approvals		
CE   FCC   RoHS Compliant		

### Model Selection

**PLA - 2 - 2 - 1 - ?? - 1 - ??**

Material	# of Contact Points	Switching Position (SP1)	Length (L1)	SP2	L2
2: PVC 3: PP 5: PVDF 8: 316 SS	1   2	1: NO 2: NC	Length in inches	1: NO 2: NC	??"



PLA — Liquid Level Float Assembly Alarm		
Size	Part Number	Material
6"-24"	PLA-2-X-Y-D	PVC
6"-24"	PLA-3-X-Y-D	PP
6"-24"	PLA-5-X-Y-D	PVDF
6"-24"	PLA-8-X-Y-D	316 SS

Add Suffix -  
 'X' = # of Floats (1 or 2)  
 'Y' = NO Contact or NC Contact  
 'D' = Dimension in Inches