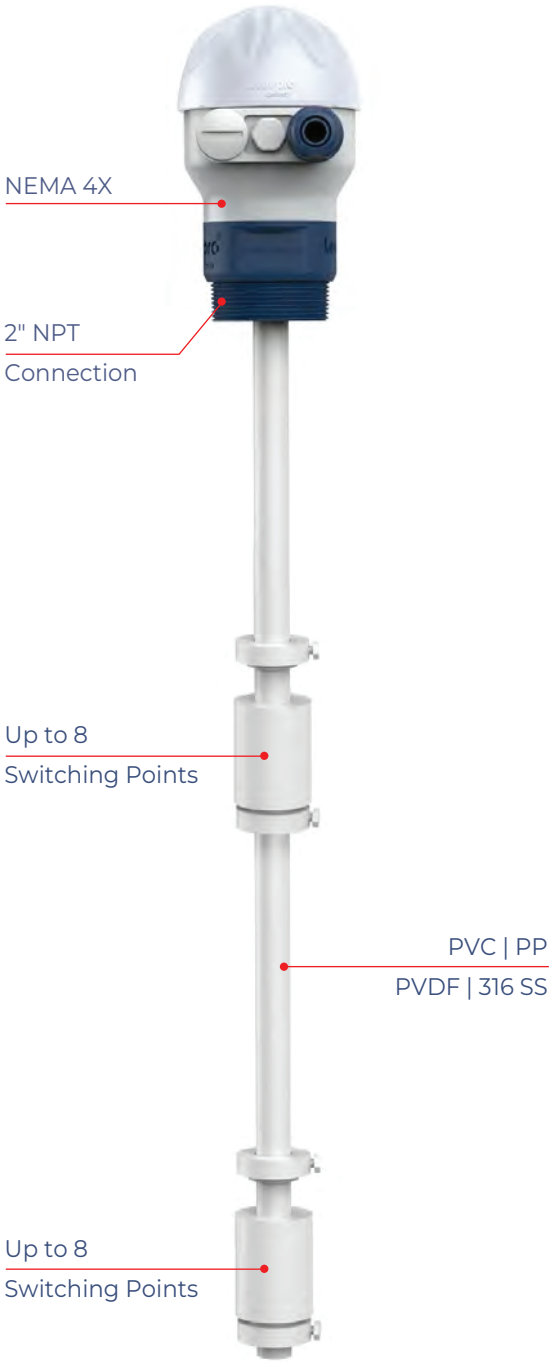
PLF Series
Magnetic Float Level Switch Assembly

- Up to 8 Switching Points
- Excellent Chemical Resistance
- No Power Required



PVC | PP | PVDF | 316 SS | RoHS Compliant | CE

- Point Level Measurement up to 8ft
- Superior Chemical Resistance
- Easy Installation
- High to Low | High to High | Low to Low
- All Plastic Design - No Metal to Corrode
- Suitable for Non-Coating Acids | Bases
- NEMA 4X Enclosure
- Cord Grip Included
- Easy In-Field Wiring Termination

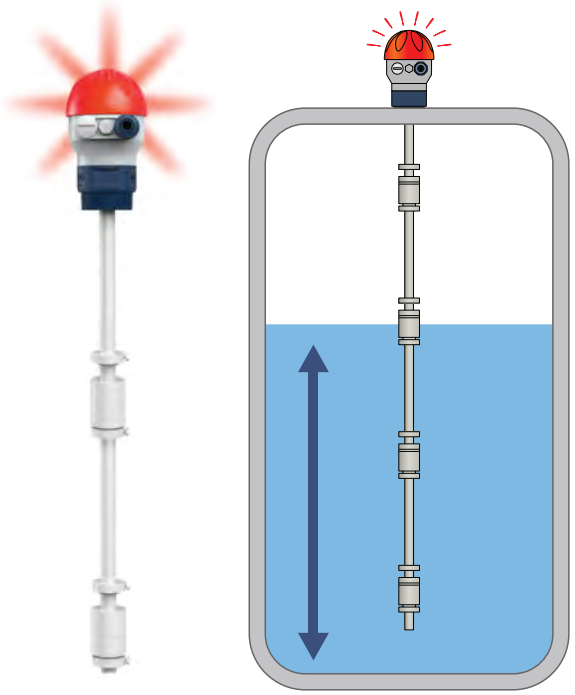
Precision Liquid Level Detection for Industrial Excellence

The LevelPro® PLF provides liquid level detection up to 8' (2.4m) with 1-8 different level switch points.

The PLF Series comes standard with a heavy duty, compact junction box for easy wiring termination.

The PLF level switch package is an excellent high | low level indicator for a variety of industrial applications including; day tanks, process skids or machines, cooling towers or process tank applications, and can be connected directly to a valve, alarm, pump etc.

Working Principle



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Technical Specifications

General		
Operating Range	0 - 8 ft	0 - 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	
Cable Glands	PP	
Electrical		
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 221°F	-40°C to 105°C
316 SS	-40°F to 221°F	-40°C to 105°C
		* Non Freezing Liquids
Standards & Approvals		
CE | FCC		
RoHS Compliant		

Model Selection

SP4	L4	SP5	L5	SP6	L6	SP7	L7	SP8	L8
1: NO 2: NC	??"	1: NO 2: NC	??"	1: NO 2: NC	??"	1: NO 2: NC	??"	1: NO 2: NC	??"

PLF - 2 - 4 - 1 - ?? - 1 - ?? - 1 - ?? - 1 - ?? - 1 - ?? - 1 - ?? - 1 - ?? - 1 - ?? - 1 - ??

Material	# of Contact Points	Switching Position (SP1)	Length (L1)	SP2	L2	SP3	L3
2: PVC 3: PP 5: PVDF 8: 316 SS	1 | 2 | 3 | 4 | 5 6 | 7 | 8	1: NO 2: NC	Length in inches	1: NO 2: NC	??	1: NO 2: NC	??