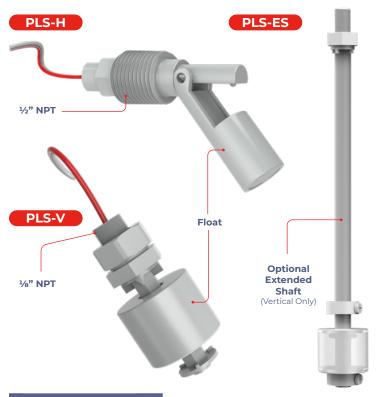
# LevelPro® — PLS

# Plastic Level Switch — Horizontal/Vertical





## **Specifications**

Wetted Material	PP   PVDF   PTFE Teflon®	
Operating Temp	PP: 4°F to 190°F (-20°C – 88°C) PVDF: -40°F to 240°F (-40°C – 115°C)	
Connection Size	Vertical 1⁄8"   Horizontal 1⁄2"	
Max Pressure	Atmospheric	
Min Density	0.7 S.G	
Electrical Connection	2-Wire Flying Lead   Reed Switch	
Number of Contacts	1 Std.	
Contact Capacity	10W   150VDC	

## **Model Selection**

PLS-V — Vertical Level Switch			
Part Number	Material		
PLS-V-PP	PP		
PLS-V-PF	PVDF		

PLS-H — Horizontal Level Switch			
Part Number	Material		
PLS-H-PP	PP		
PLS-H-PF	PVDF		

PLS-ES — Extended Shaft Vertical Level Switch				
Part Number	Material	Length		
PLS-ES-PP-12	PP	12"		
PLS-ES-PP-24	PP	24"		
PLS-ES-PP-36	PP	36"		
PLS-ES-PP-48	PP	48"		
PLS-ES-PF-12	PVDF	12"		
PLS-ES-PF-24	PVDF	24"		
PLS-ES-PF-36	PVDF	36"		
PLS-ES-PF-48	PVDF	48"		

#### **Features**

- Low Profile | Quick Installation
- ✓ No Power Required | 2 Wire Reed Switch
- Horizontal | Vertical Orientation
- All Plastic Design (Excellent Corrosion Resistance)
- High/Low Level Indication

# The LevelPro PLS Series compact level switches combine affordability, reliability, and simple installation.

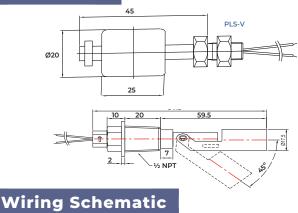
The all plastic level switches contain a hermetically sealed reed switch that is actuated by magnets that are permanently bonded inside the float. They can be easily adapted to open or close a circuit based on the rising or falling of the liquid level.

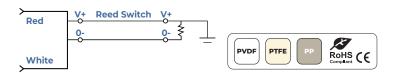
Switch ratings are suitable for many solidstate control systems and small monitors or alarms. Simple relay interfaces can be used for higher current applications such as pumps and on-off valve actuators.

# **Working Principal**

As a direct result of rising or falling liquid, a magnetic field is moved into the proximity of a reed switch, causing its actuation.

### **Dimensions**





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