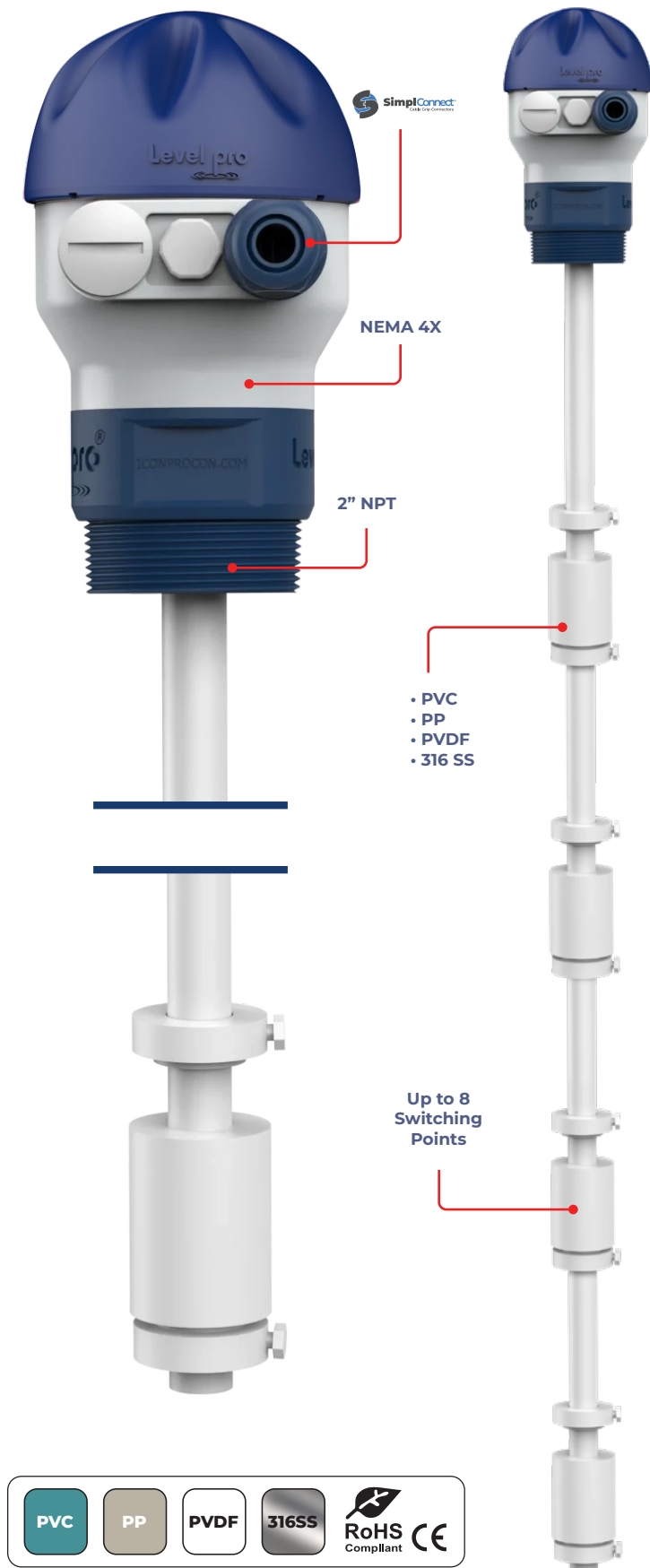


# LevelPro® — PLF

## Magnetic Float Level Switch Assembly

**ICON**™ Corrosion-Free  
PROCESS CONTROLS Instrumentation Equipment™



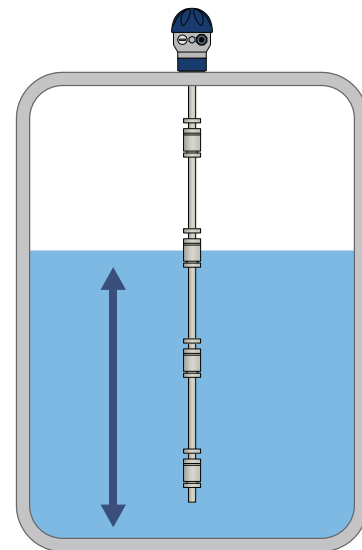
### Features

- ✓ 6" - 72" Range
- ✓ Up to 8 Relay Contacts
- ✓ Flange | NPT Connection
- ✓ PVC | PP | PVDF | 316 SS
- ✓ Superior Chemical Resistance
- ✓ No Power Required
- ✓ High to Low | High to High | Low to Low
- ✓ Suitable for Non-Coating Acids | Bases
- ✓ NEMA 4X Enclosure
- ✓ Cord Grip Included

### Precision Liquid Level Detection for Industrial Excellence

The PLF Liquid Level Float Switch provides liquid level detection up to 6'(1.8m) with 1-8 level switch points and a compact junction box for wiring termination.

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 PLF is only suitable for non-viscous and non-coating liquids.



PVC

PP

PVDF

316SS



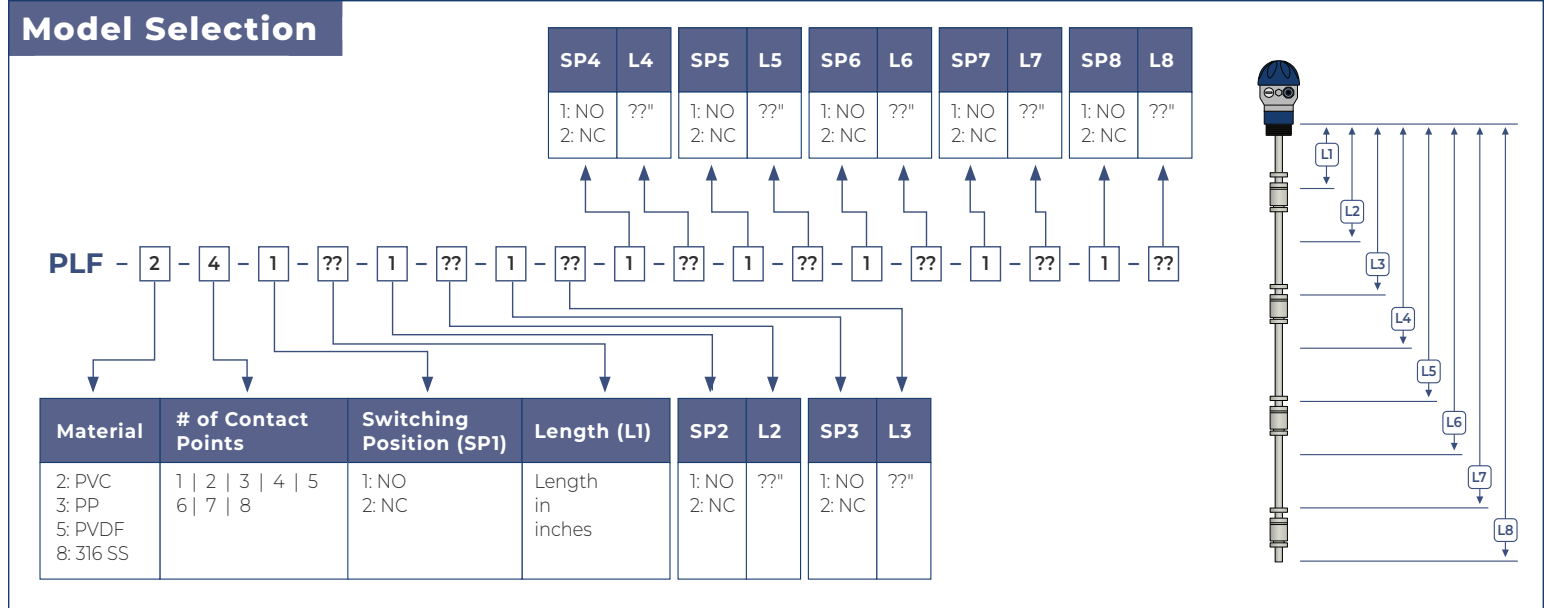
# LevelPro® — PLF

## Magnetic Float Level Switch Assembly

### Specifications

| General                   |                                             |                                           |
|---------------------------|---------------------------------------------|-------------------------------------------|
| Operating Range           | 0.5 to 6 ft                                 | 0 to 1.8 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 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



| PLF — Liquid Level Float Assembly |             |          |
|-----------------------------------|-------------|----------|
| Size                              | Part Number | Material |
| 6"-72"                            | PLF-2-X-Y-D | PVC      |
| 6"-72"                            | PLF-3-X-Y-D | PP       |
| 6"-72"                            | PLF-5-X-Y-D | PVDF     |
| 6"-72"                            | PLF-8-X-Y-D | 316 SS   |

#### Add Suffix -

'X' - # of Floats | 'Y' = NO Contact or NC Contact | 'D' = Dimension in Inches

LevelPro®

by

**ICON**™ Corrosion-Free  
PROCESS CONTROLS Instrumentation Equipment

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