CFL
Continuous Float Level Measurement

LevelPro®

- ✓ **No Programming Required**
- ✓ **Works on Foam | Vapor | Condensate**
- ✓ **No Lost Signals | No Dead-Band**

NEMA 4X Enclosure

358.6

2" NPT Connection

20mA = Full

Optional Adjustable Collar

4mA = Empty

PVC | PP | PVDF | 316 SS

Chameleon Color Display
Outdoor Visibility Display Automatically Changes from **Blue** to **Green**
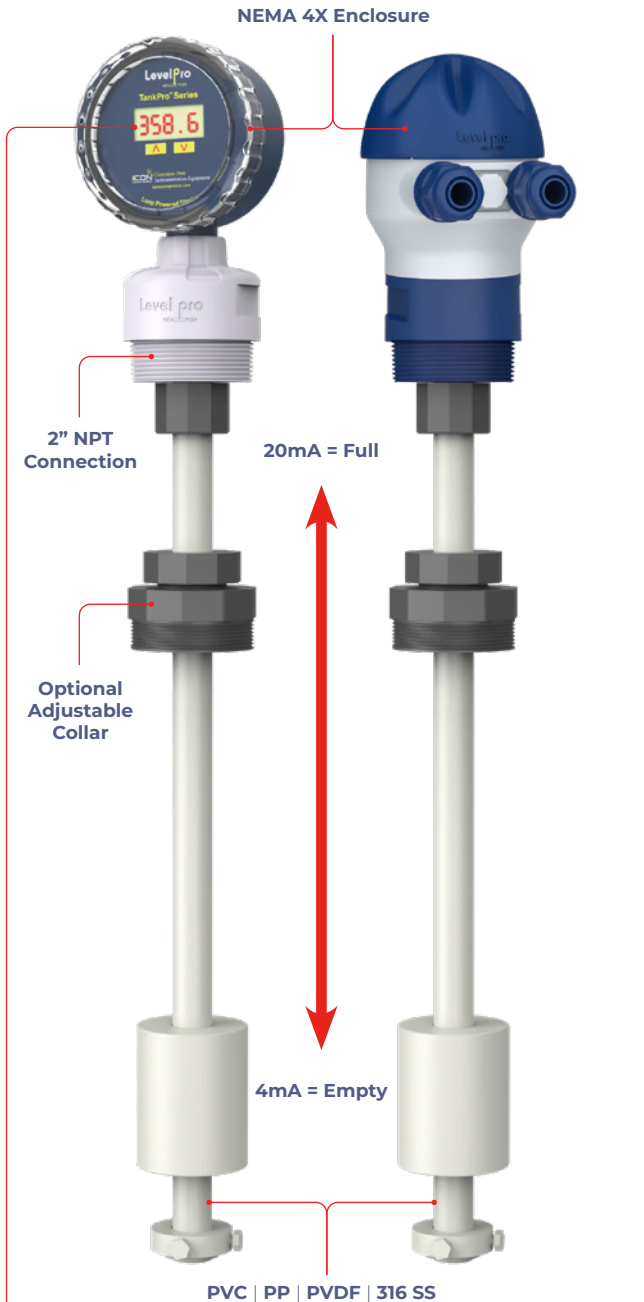
Skip the dip

Features

- ✓ **Tank Measurement up to 10ft High**
- ✓ **Excellent Chemical Resistance**
- ✓ **Easy Installation | Plug & Play**
- ✓ **No Seals | No Leak Points**
- ✓ **Loop Powered | 2 Wire 4-20mA Output**
- ✓ **Suitable for Corrosive Non-Coating Acids | Bases**
- ✓ **Available in PVC | PP | PVDF | 316 SS**
- ✓ **LCD Display***
- ✓ **Program -HI- -LO- Indication**

The LevelPro® CFL continuous float level sensors combine affordability, reliability, and simple installation.

The CFL Series Continuous Float Level Transmitter uses a plastic float that contains a magnet inside, the linear movement is in direct relation to the liquid level being measured.
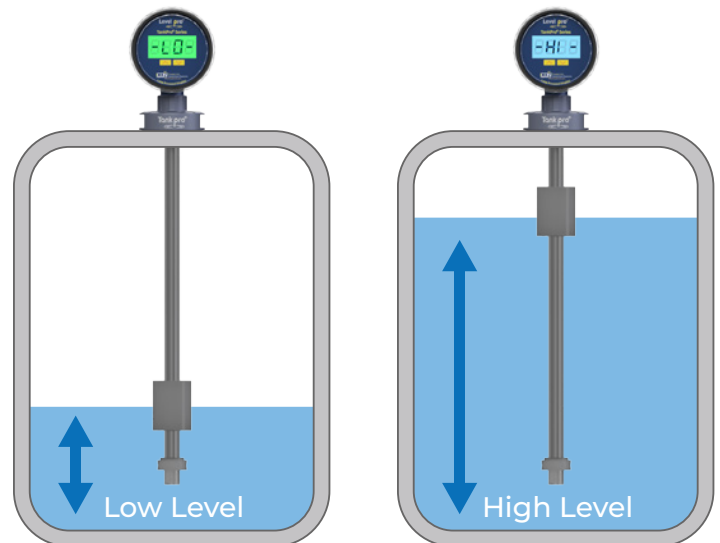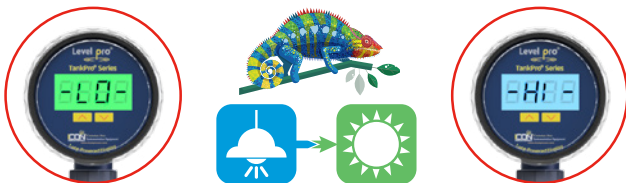
The movement of the float excites the divider circuit that is located inside of the stem which is then converted into a analog 4-20mA output signal.

The CFL Series is available in PVC, PP, PVDF & 316 SS and is a great liquid level measurement solution for small to medium sized tanks.

Low Level

High Level

Specifications

General

Operating Range	0 - 8 ft
Connection	2" NPT
Accuracy	±2 mm
Hysteresis	8 mm

Materials

Sensor Body	PVC: Dark | PP: Natural | PVDF: Natural | 316 SS
O-Rings	N/A
Enclosure	Polypropylene* | NEMA 4X | IP67
Cable Glands	Nylon

Electrical

Supply Voltage	9 to 36 VDC ±10% regulated	
Supply Current	<1.5 mA @ 3.3 to 6 VDC	<20 mA @ 6 to 24 VDC

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

Standards and Approvals

CE | FCC
RoHS Compliant

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

Overall Length

ShoPro® Display

LP100 Tank Level Junction Box

Model Selection

CFL – P – 0 – 24 – V

Material	Length 1	Length 2	Display
P : PVC PP : PP PF : PVDF SS : 316 SS	Length to 4mA in inches	Length to 20mA in inches	N: None V: LCD
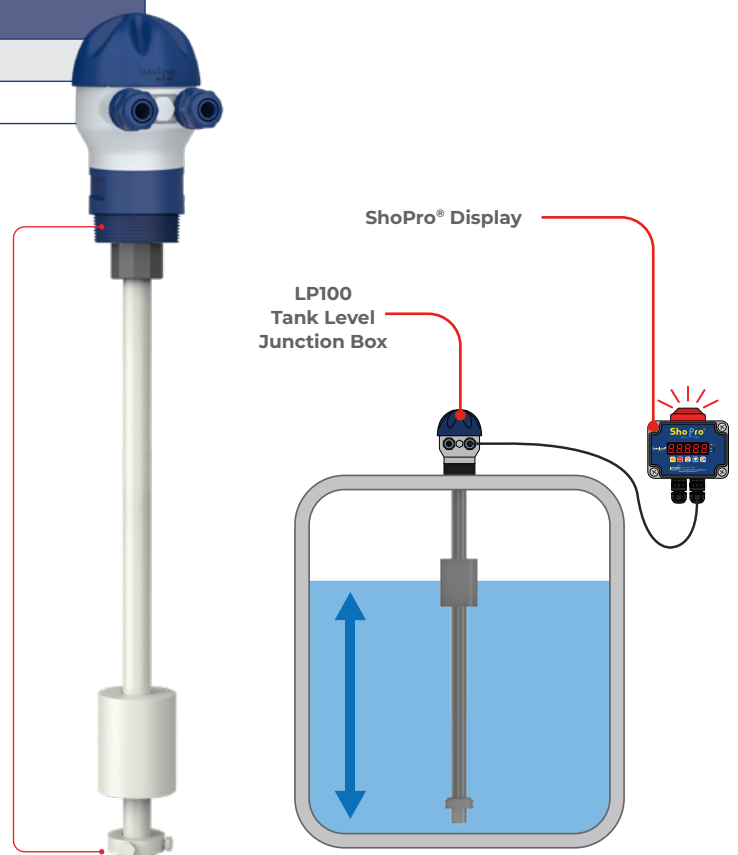
Programming

STEPS	DISPLAY	OPERATION
1 Press Up + Down Buttons Together ⬆ + ⬇ 🕐 3 SEC	-Cd-	Press and hold both buttons to enter the menu
2 Release Buttons	1230	Enter Pass Code: 1234 (see next step)
3 Press Up (x4) ⬆	1234	*Using the UP arrow, press 4 times until the password reads '1234'* *Click both buttons at the same time to proceed into the menu*
4 Press Up + Down Buttons Together ⬆ + ⬇ 🕐 3 SEC	-dP-	Decimal Point
5 Press to Change ⬆	0123	Enter Desired Decimal Point: 0, 1, 2, or 3 Decimal Places
6 Press Up + Down Buttons Together ⬆ + ⬇ 🕐 3 SEC	d1L	Enter Low Level Range- 4mA Default = 0
7 Change to Desired Value ⬆ or ⬇	0	4mA = the low level range of the sensor (Inches, Feet, Gallons)
8 Press Up + Down Buttons Together ⬆ + ⬇ 🕐 3 SEC	d1H	Enter High Level Range- 20mA Default = 100
9 Change to Desired Value ⬆ or ⬇	100	20mA = the high level range of the sensor (Inches, Feet, Gallons)
10 Current Level ⬆ + ⬇ 🕐 3 SEC	00	Current Level

20mA — Full

Low Level

4mA — Empty

20mA — Full

High Level

4mA — Empty