

CFL

Continuous Float Level Measurement

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

Skip the dip

Features

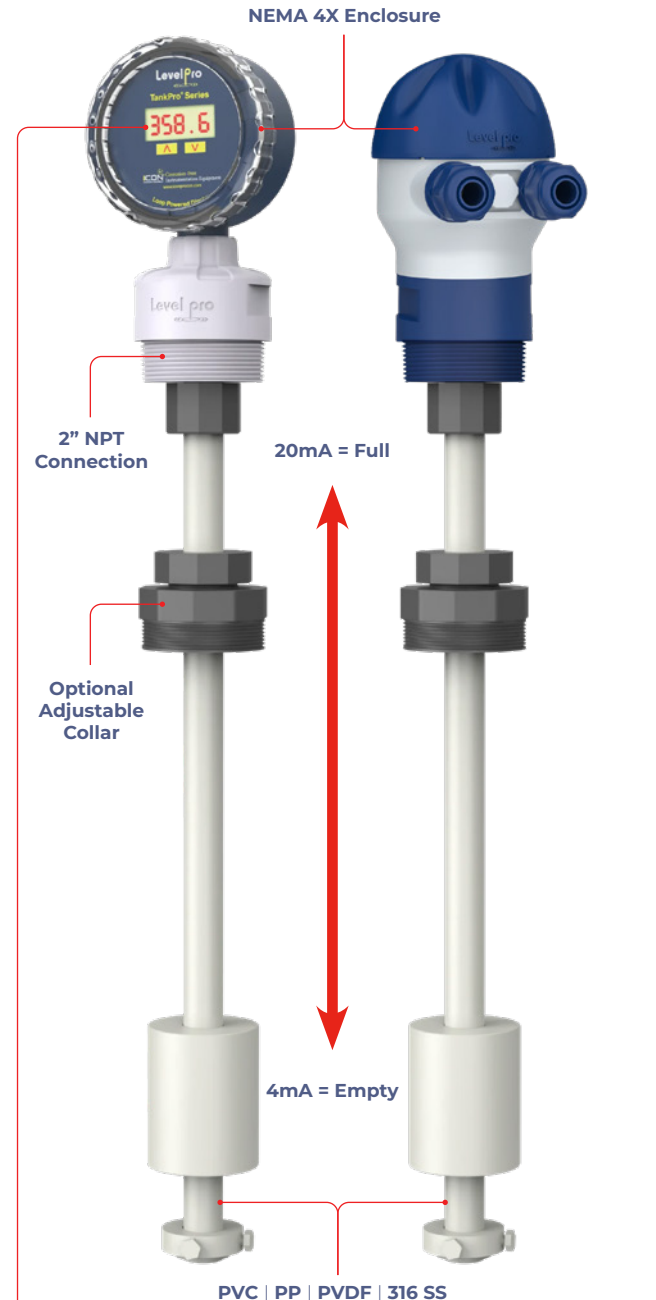
- ✓ Tank Measurement up to 10ft High
- ✓ Excellent Chemical Resistance
- ✓ Easy Installation | Plug & Play
- ✓ No Seals | No Leak Points
- ✓ Loop Powered | 2 Wire 4-20mA Output
- ✓ Suitable for Corrosive Non-Coating Acids | Bases
- ✓ Available in PVC | PP | PVDF | 316 SS
- ✓ LCD Display*
- ✓ Program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

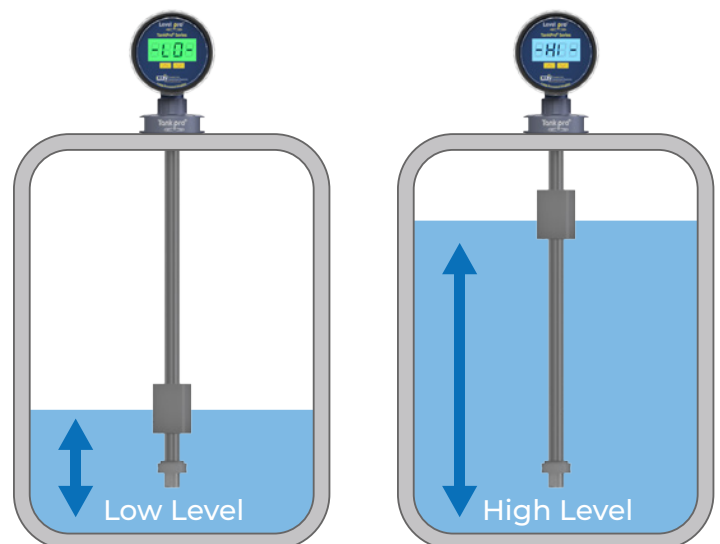
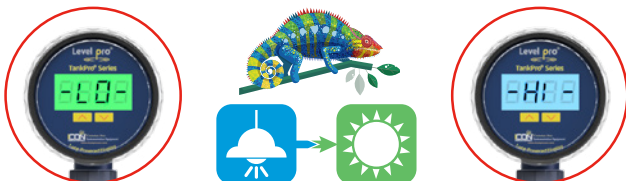
The movement of the float excites the divider circuit that is located inside of the stem which is then converted into a analog 4-20mA output signal.

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.



Chameleon Color Display

Outdoor Visibility Display Automatically Changes from Blue to Green



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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

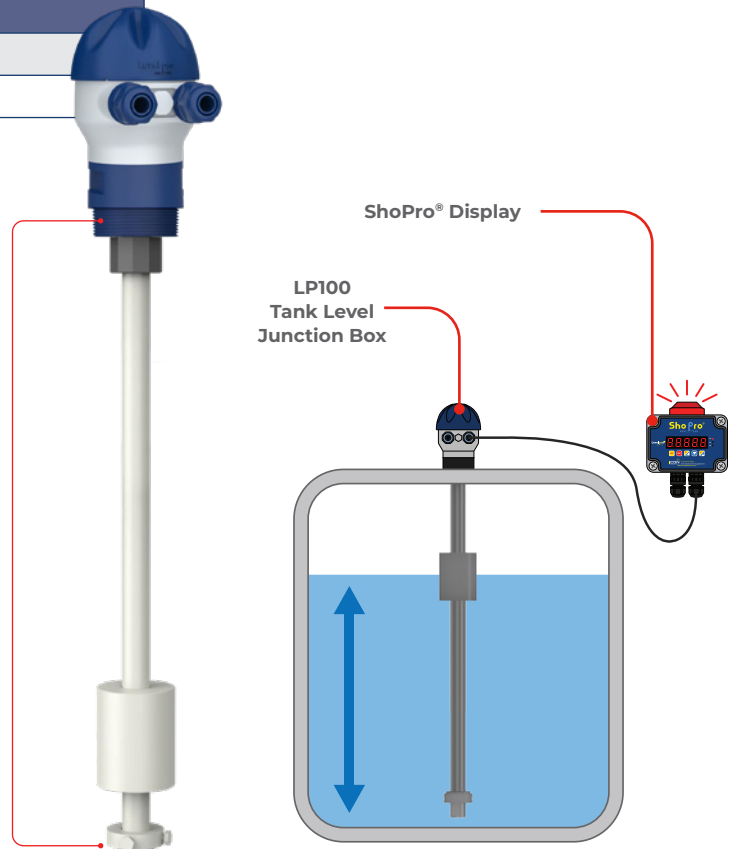


Model Selection

CFL - P - 0 - 24 - V

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

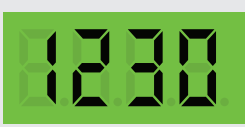
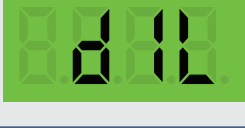
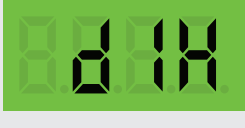
Overall Length



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Programming

STEPS	DISPLAY	OPERATION
1 Press Up + Down Buttons Together 		Press and hold both buttons to enter the menu
2 Release Buttons		Enter Pass Code: 1234 (see next step)
3 Press Up (x4) 		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 		Decimal Point
5 Press to Change 		Enter Desired Decimal Point: 0, 1, 2, or 3 Decimal Places
6 Press Up + Down Buttons Together 		Enter Low Level Range- 4mA Default = 0
7 Change to Desired Value 		4mA = the low level range of the sensor (Inches, Feet, Gallons)
8 Press Up + Down Buttons Together 		Enter High Level Range- 20mA Default = 100
9 Change to Desired Value 		20mA = the high level range of the sensor (Inches, Feet, Gallons)
10 Current Level 		Current Level

