

LevelPro® — CFL

Continuous Float Level Measurement

ICON™ Corrosion-Free
PROCESS CONTROLS Instrumentation Equipment

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

Skip the dip

LevelPro®

Features

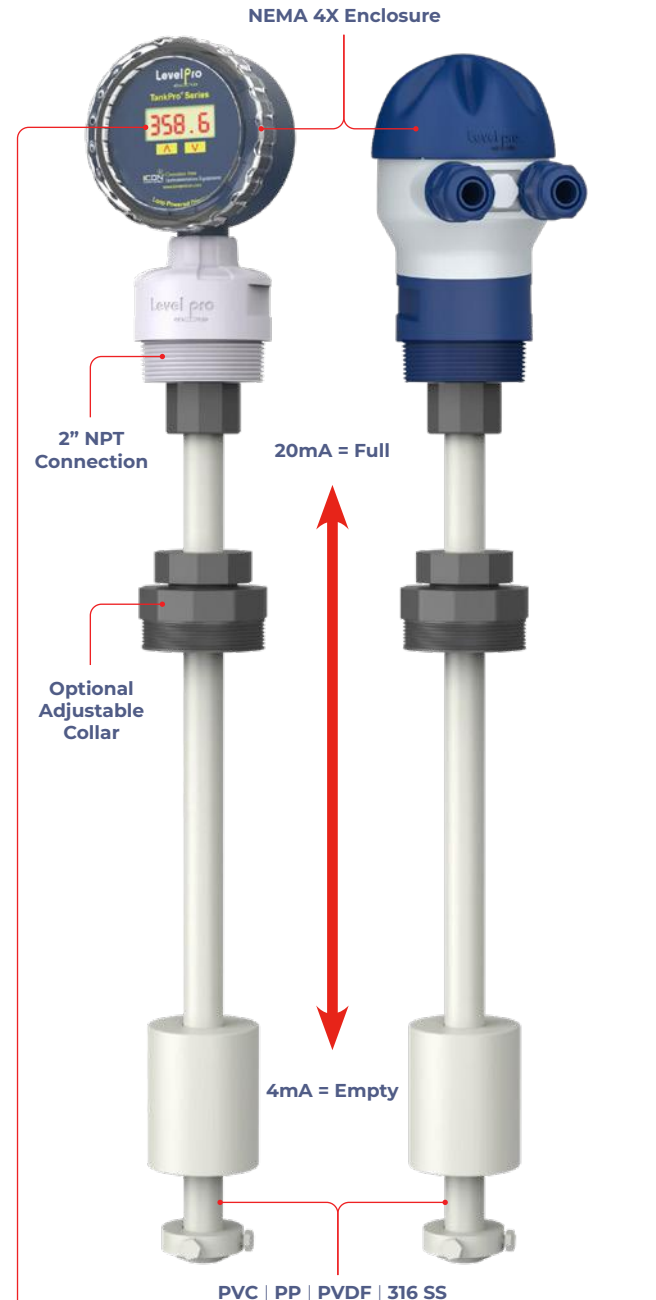
- ✓ Tank Measurement up to 8ft High
- ✓ Excellent Chemical Resistance
- ✓ Easy Installation
- ✓ Loop Powered | 2 Wire 4-20mA Output
- ✓ Suitable for Corrosive Non-Coating Acids | Bases
- ✓ Available in PVC | PP | PVDF | 316 SS
- ✓ Chameleon Color LCD Display
- ✓ Program -HI- -LO- Indication

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.

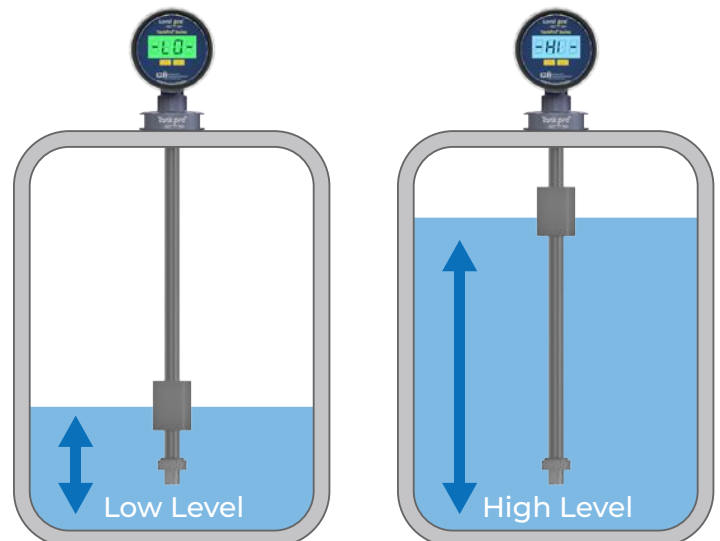
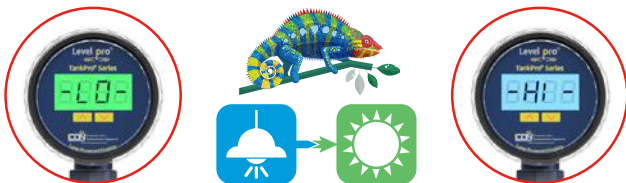
The movement of the float excites the divider circuit that is located inside of the stem which is then converted into a analog 4-20mA output signal.

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 PP PVDF 316 SS
O-Rings	N/A
Enclosure	Polypropylene NEMA 4X IP67

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

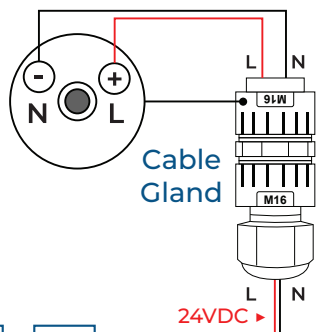
Operating Temperature

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

Wiring Diagram

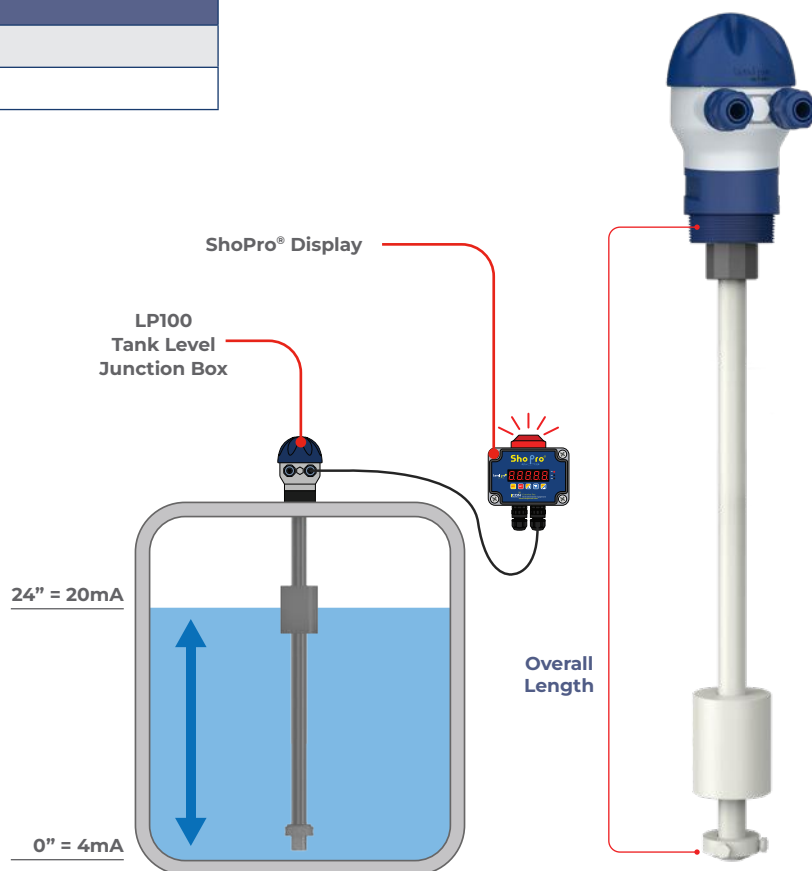


Model Selection

CFL - P - 0 - 24 - N

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

Example: 4mA = 0", 20mA = 24"



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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   or 		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   or 		20mA = the high level range of the sensor (Inches, Feet, Gallons) Example: 20mA = 100 Inches
10 Current Level   +  		Current Level

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