

LevelPro® — CFL

Continuous Float Level Measurement

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

Skip the dip

LevelPro®

Features

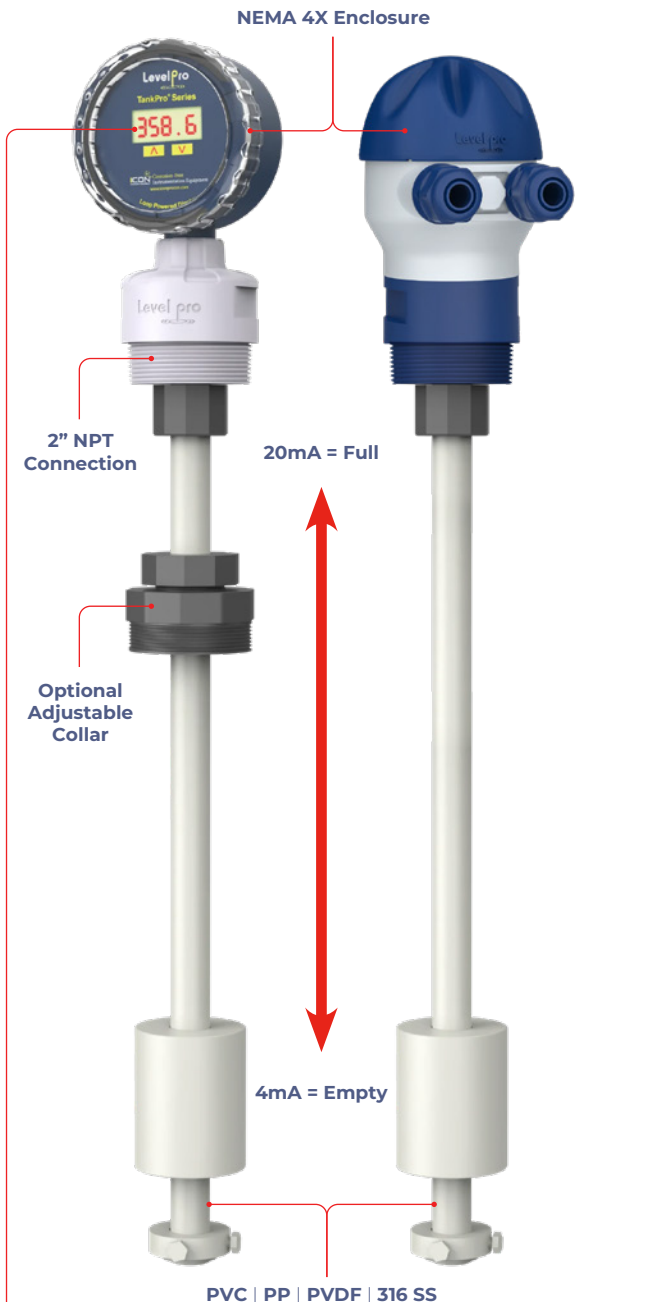
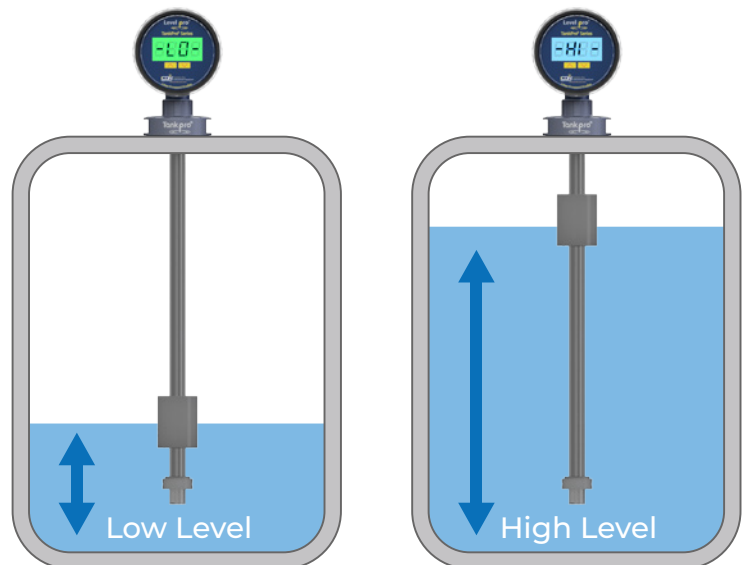
- ✔ Tank Measurement up to 6ft High
- ✔ Excellent Chemical Resistance
- ✔ Easy Installation
- ✔ Loop Powered | 2 Wire 4-20mA Output
- ✔ Suitable for Corrosive Non-Coating Acids | Bases
- ✔ Available in PVC | PP | PVDF | 316 SS
- ✔ Chameleon Color LCD Display
- ✔ Program -HI- -LO- Indication

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.

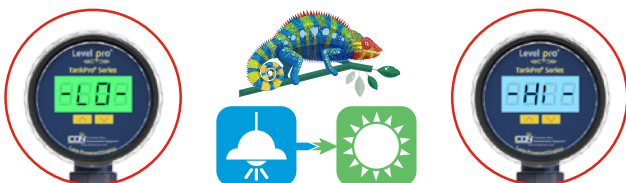
The movement of the float excites the divider circuit that is located inside of the stem which is then converted into a analog 4-20mA output signal.

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 - 6 ft (72")
Connection	2" NPT
Accuracy	±2 mm
Hysteresis	8 mm

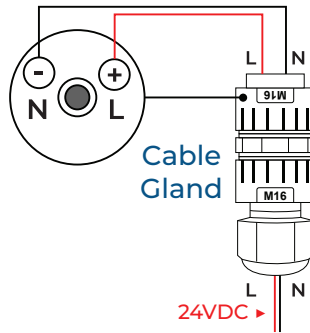
Materials	
Sensor Body	PVC PP PVDF 316 SS
O-Rings	N/A
Enclosure	Polypropylene NEMA 4X IP67

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

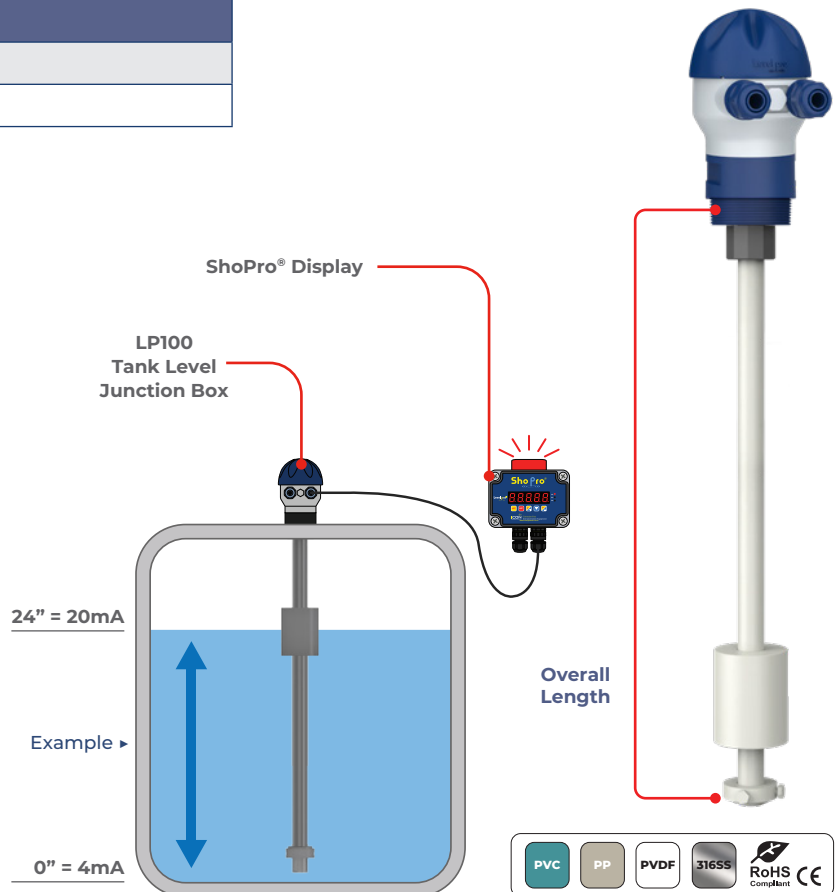


Model Selection

CFL — Blind Display, 4-20mA Output		
Size	Part Number	Material
6"-72"	CFL-P-X	PVC
6"-72"	CFL-PP-X	PP
6"-72"	CFL-PF-X	PVDF
6"-72"	CFL-SS-X	316 SS

CFL — Local Display Backlit LCD Display, 4-20mA Output		
Size	Part Number	Material
6"-72"	CFL-P-X-L	PVC
6"-72"	CFL-PP-X-L	PP
6"-72"	CFL-PF-X-L	PVDF
6"-72"	CFL-SS-X-L	316 SS

X = Length Range • Example: 4mA = 0", 20mA = 24" ▶ CFL-PF-0-24
X



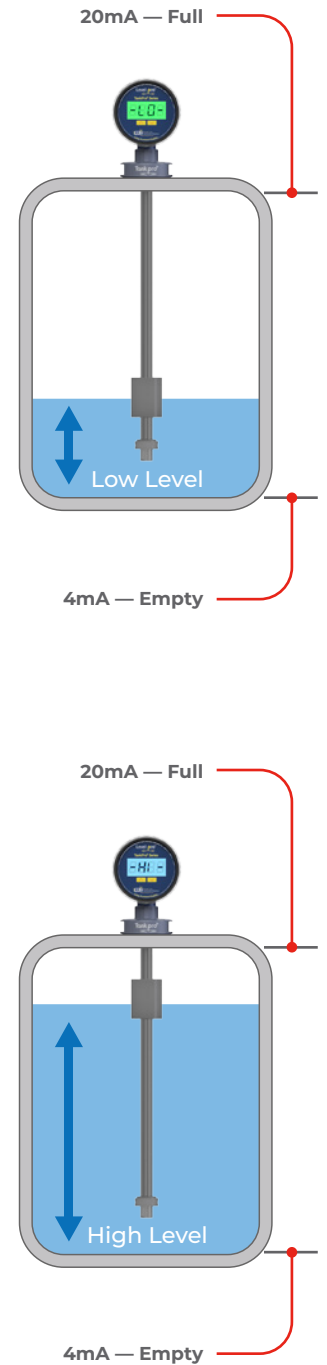
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Programming

STEPS	DISPLAY	OPERATION
1 Main Display + 3 SEC		Press and hold both buttons to enter the menu
2 Low Level Value 		Default Preset = 000.0 No need to change Press Low Value — 4mA=0
3 2 SEC		Press and hold for 2 seconds
4 High Level Value 		Change number to desired value (Note: This is your max tank level) Inches Gallons Liters Enter Max Tank Value
5 Press to Change 2 SEC		Press and hold for 2 seconds to save
6 Return To Main Menu 3 SEC		Press and hold both buttons to return to main display
7 Main Display		FINISHED Current Tank Level



Warranty, Returns and Limitations



Warranty

Icon Process Controls Ltd warrants to the original purchaser of its products that such products will be free from defects in material and workmanship under normal use and service in accordance with instructions furnished by **Icon Process Controls Ltd** for a period of one year from the date of sale of such products. **Icon Process Controls Ltd** obligation under this warranty is solely and exclusively limited to the repair or replacement, at Icon Process Controls Ltd option, of the products or components, which **Icon Process Controls Ltd** examination determines to its satisfaction to be defective in material or workmanship within the warranty period. **Icon Process Controls Ltd** must be notified pursuant to the instructions below of any claim under this warranty within thirty (30) days of any claimed lack of conformity of the product. Any product repaired under this warranty will be warranted only for the remainder of the original warranty period. Any product provided as a replacement under this warranty will be warranted for the one year from the date of replacement.

Returns

Products cannot be returned to **Icon Process Controls Ltd** without prior authorization. To return a product that is thought to be defective, go to www.iconprocon.com, and submit a customer return (MRA) request form and follow the instructions therein. All warranty and non-warranty product returns to **Icon Process Controls Ltd** must be shipped prepaid and insured. **Icon Process Controls Ltd** will not be responsible for any products lost or damaged in shipment.

Limitations

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