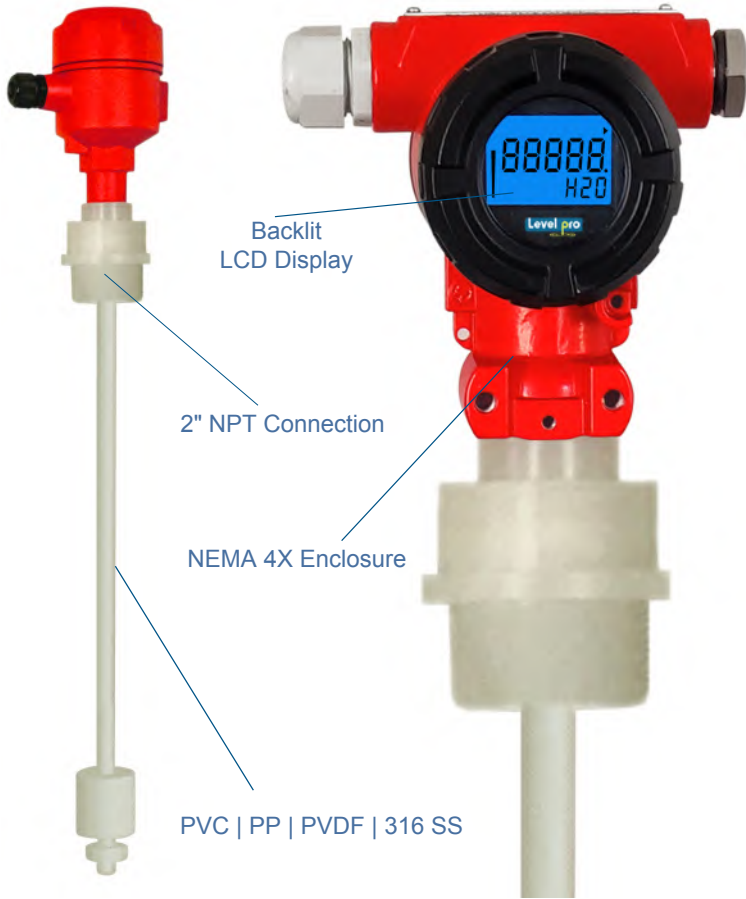


Continuous Float Level Measurement

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



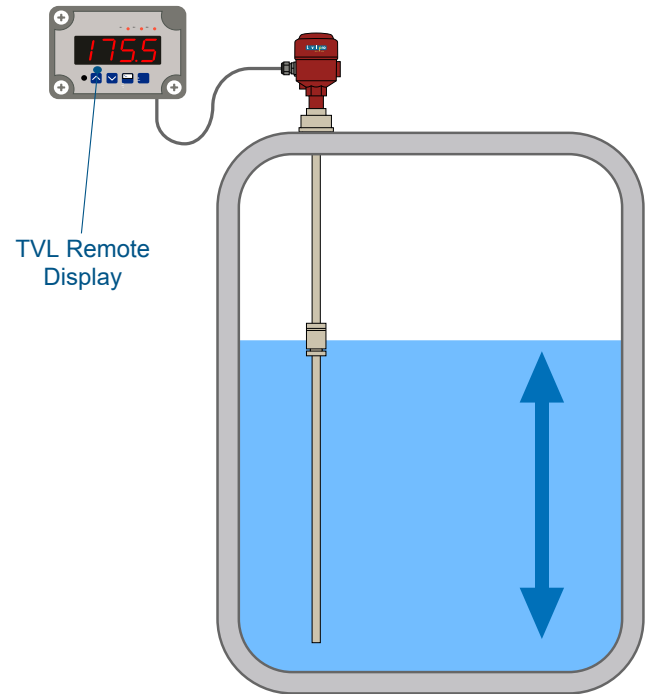
Product Description

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.

Working Principle

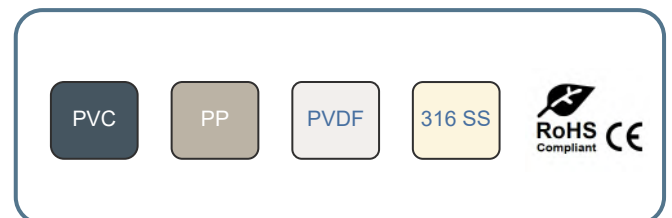


Output Signal

- ❑ 4-20mA
- ❑ HART | RS-485
- ❑ 0-5 VDC

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



Continuous Float Level Measurement

Specifications

General

Operating Range	0 - 10 ft	0 - 3.3 m
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	Epoxy Coated Aluminum 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

* Non Freezing Liquids

Standards and Approvals

CE FCC
RoHS Compliant

Model Selection

