

# ICON PROCESS CONTROLS

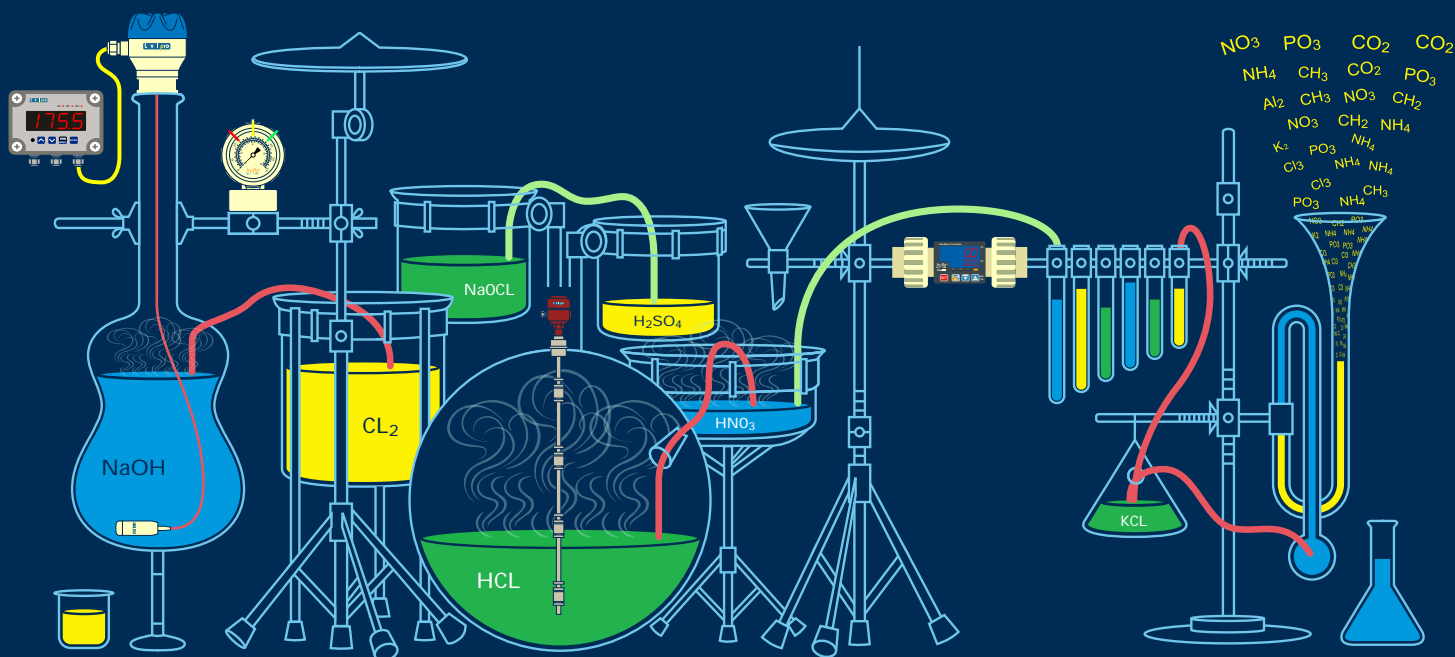
## PRODUCT CATALOG

Order from: **C A Briggs Company**

622 Mary Street; Suite 101; Warminster, PA 18974

Phone: 267-673-8117 - Fax: 267-673-8118

[Sales@cabriggs.com](mailto:Sales@cabriggs.com) - [www.cabriggs.com](http://www.cabriggs.com)



We Measure & Control  
All Kinds of **Corrosive** Liquid **S#\*o%**

**Flow** | **Level** | **Pressure** | **Temperature**



# About Us

ICON PROCESS CONTROLS is a global company with over 30 years experience specializing in Corrosion Resistant Industrial Fluid Handling Process Control Equipment.

ICON PROCESS CONTROLS designs, manufactures and distributes only top tier Flow - Level - Pressure - Temperature instrumentation - Built and designed to operate seamlessly in the Industry's Toughest Applications.

Industries most complete line of all plastic instrumentation products supported by the largest inventory in North America.

*truflo*<sup>®</sup>

Level *pro*

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**ICON**<sup>™</sup>  
PROCESS CONTROLS

**Corrosion-Free**  
**Instrumentation Equipment**

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Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: [Sales@cabriggs.com](mailto:Sales@cabriggs.com) - [www.cabriggs.com](http://www.cabriggs.com)

## In-Line Flow Meters

### Features

- > Lifetime Warranty
- > True-Union Body
- > Highest Accuracy:  $\pm 0.5\%$
- > Display Rotates 360°
- > Zirconium Ceramic Rotor Pin | Bushings
- > Size Range: ½ - 4"



## Insertion Flow Meters

### Features

- > Lifetime Warranty
- > Highest Accuracy:  $\pm 0.5\%$
- > Size Range: ½ - 24"
- > Retrofits into Signet® Fittings
- > Display Rotates 360°
- > Zirconium Ceramic Rotor Pin | Bushings



## Insertion Magnetic Flow Meter

### Features

- > Local LCD Display
- > No Moving Parts
- > 4-20mA Output
- > ABS | 316 SS
- > Size Range: ½ - 8"



## In-Line Magnetic Flow Meter

### Features

- > Size Range: ½ - 12"
- > ANSI Flange | NPT | Sanitary
- > Local Display or Remote
- > 4-20mA | Frequency Pulse | RS485\*
- > Accuracy:  $\pm 0.5\%$  |  $\pm 0.25\%$
- > Full Port



## Leak Detection

### Features

- > PTFE Teflon® Sensor
- > 1" NPT Connection
- > Visual | Audible Alarm
- > Capacitance Sensor Technology
- > Battery Operated | Loop Powered

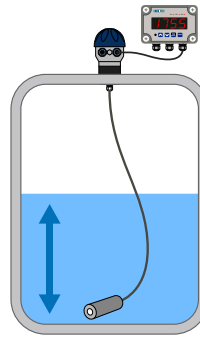


\* Optional

## Submersible Level Sensor

### Features

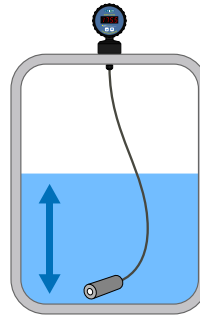
- > PVC | PP | PVDF | PTFE | 316 SS
- > Kalrez® O-Ring Seal
- > High Accuracy: ±0.5%
- > Teflon® Jacketed Cable
- > Excellent for Foam | Vapor | Condensate | Turbulence
- > Ceramic Sensing Diaphragm



## Submersible Level Sensor + Loop Powered Display

### Features

- > Loop Powered LED Display
- > PVC | PP | PVDF | PTFE | 316 SS
- > High Accuracy: ±0.5%
- > Foam | Vapor | Condensate | Turbulence
- > Vaporbloc® Sealing System



## Loop Powered | Battery Operated Displays

### Features

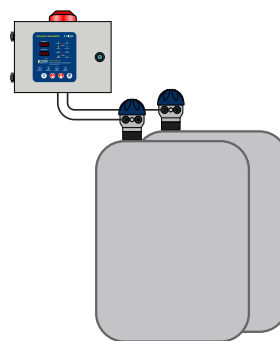
- > LED Display
- > NEMA 4X Housing
- > 4 Digit Display
- > 2 Button Programming
- > Battery Operated Push Button Activation



## Visual+Audible Display & Alarm

### Features

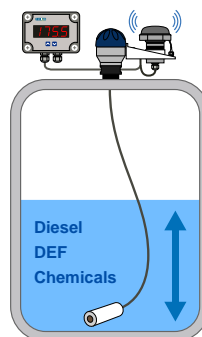
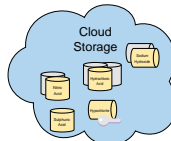
- > Up to 2 4-20mA Inputs Channels
- > LED Display
- > 2 x 5 Amp Relay Outputs per Channel
- > Sensor Current Status Indicator
- > Stop | Mute Button



## Remote Tank Level Monitoring

### Features

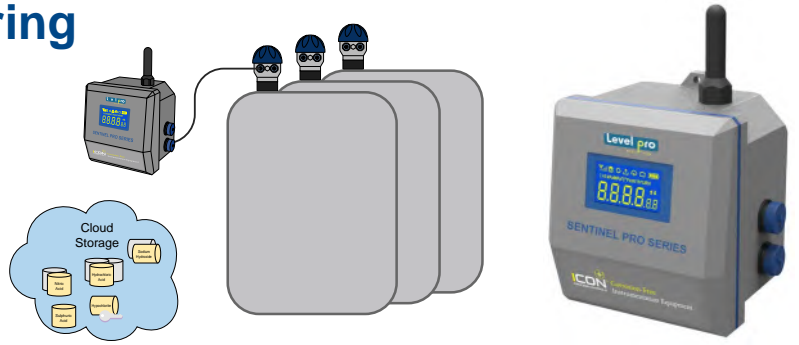
- > Battery Operated | No Programming
- > Remote Monitoring through Cellular Networks
- > 24/7 Access to Data via Cloud
- > Low Monthly Cost
- > Access Data PC | Laptop | Smartphone
- > Eliminate Costly Emergency Fills or Pump-Outs



## Remote Tank Level Monitoring

### Features

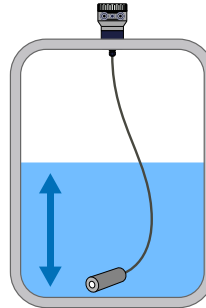
- > Up to 8 Channels | Level | Flow | Pressure
- > Battery Operated | 24VDC | 120VAC | Solar
- > Remote Monitoring through Cellular Networks
- > 24/7 Access to Data via Cloud
- > Low Monthly Cost
- > Access Data PC | Laptop | Smartphone
- > Eliminate Costly Emergency Fills or Pump-Outs



## Level Sensor + Display + Junction Box

### Features

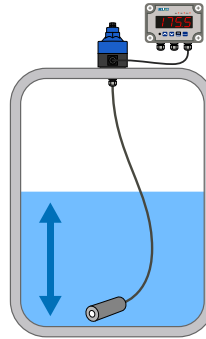
- > Loop Powered LED Display
- > PVC | PP | PVDF | 316 SS
- > Teflon® Jacketed Cable
- > Accuracy:  $\pm 0.5\%$
- > Foam | Vapor | Condensate | Turbulence
- > 2" NPT Tank Connection



## Submersible Temperature Sensor

### Features

- > Corrosion Resistant PTFE Teflon®
- > 0-212°F | 0-100°C Standard
- > 2-Wire 4-20mA Output
- > 15m Teflon® Jacketed Cable
- > Accuracy:  $\pm 0.5\%$



## Pressure Transmitters + Switches

### Features

- > Accuracy:  $\pm 0.25\%$
- > PP | PVDF | 316 SS
- > Ceramic Diaphragm | Viton Seals
- > 2 Relay Outputs | 5 Amp | PNP | NPN
- > 4-20mA | RS485\*
- > Alarm Status - Display Changes from **Green** to **Red**



## Pulsation Dampeners

### Features

- > Pre-Charged - Adjustable
- > FPM | PTFE Diaphragm
- > PPG | PVDF | 316 SS Body
- > OBS Series Premium Gauge Included
- > Heavy Duty Design



\* Optional



*truflo*<sup>®</sup>

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F  
L  
O  
W

# TK SERIES

## In-Line Paddle Wheel Flow Meter

- Superhydrophobic Redesigned Paddle
- Lifetime Warranty
- Zirconium Ceramic Rotor Pin | Bushings
- Industry's Highest Accuracy:  $\pm 0.5\%$
- 360° Degree Rotating Display
- PVC | PP | PVDF | 316 SS
- No K-Factor Programming
- Size Range: 1/2 - 4"
- Tefzel® Paddle Wheel
- Bright LED Display\*



### TKB

Battery Powered | Flow Rate & Total



### TKS

Flow Rate | Pulse + Relay Output



### TKP

Rate & Total | Pulse | RS485\*



### TKM

Rate & Total | Pulse | 4-20mA

\*Optional



**TKW**  
Blind Display  
Pulse | Voltage | 4-20mA  
LED Flow Indicator



**TK3W**  
316 SS  
Pulse | Voltage | 4-20mA  
NPT | Flanged | Sanitary



**TK3B**  
316 SS  
Rate & Total  
Battery Powered



**TK3S**  
316 SS  
Flow Rate  
Pulse + Relay Output



**TK3P**  
316 SS  
Rate & Total  
Pulse | RS485\*



**TK3M**  
316 SS  
Rate & Total  
Pulse | 4-20mA

\*Optional



# TI Series

## Insertion Paddle Wheel Flow Meter

- Superhydrophobic Redesigned Paddle
- Industry's Highest Accuracy:  $\pm 0.5\%$
- Lifetime Warranty
- Zirconium Ceramic Rotor Pin | Bushings
- PVC | PP | PVDF
- Size Range: 1/2" - 24"
- 360° Degree Rotating Display
- Tefzel® Paddle Wheel
- Retrofits into Signet® Fittings



### TIB

Battery Powered | Rate & Total



### TIP

Rate & Total | Pulse | RS485\*



### TIM

Rate & Total | Pulse + 4-20mA



### TIR

Pulse + 4-20mA

\*Optional

## TIW

### Flow Sensor

- > Life-Time Warranty
- > Zirconium Ceramic Rotor+ Bushings
- > Size Range: ½ - 24"
- > Frequency Pulse Output
- > DIN Quick Connect | Flying Lead



## SA

### Clamp-On Saddle Fittings

- > PVC | GFPP
- > Viton® O-Rings
- > Available in ANSI | SDR Metric DIN
- > Will Accept Signet® Type Flow Meter



## CT | PT | PPT

### Installation Tee Fittings

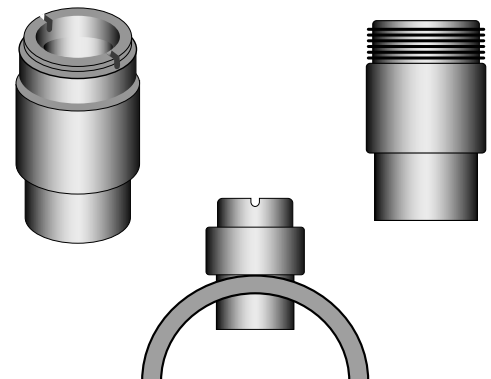
- > PVC | CPVC | PP
- > True-Union Design | PVC | PP
- > Socket | NPT
- > Will Accept Signet® Type Flow Meter
- > FPM | EPDM Seals



## PG

### CPVC Glue-On Adapters

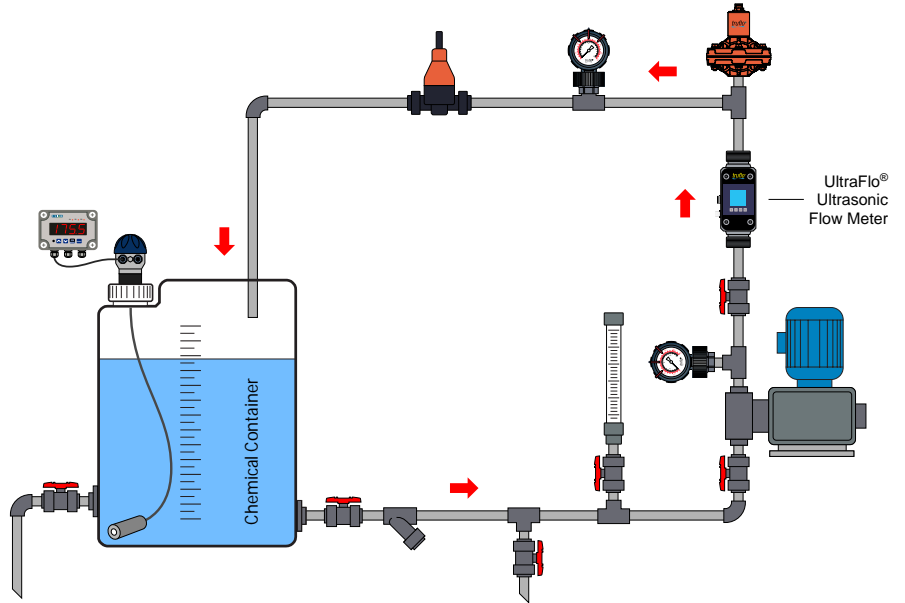
- > 2 - 24" Pipe Sizes
- > Easy to Install
- > Will Accept Signet® Type Flow Meter



# UltraFlo®

## Ultrasonic Flow Meter

- Designed for Dosing | Pulsating Flows
- PE | PVDF | PFA Teflon® | Polysulphone
- 4-20mA Output + Pulse Relay
- Low Flow Rates: 0.02 LPM | 0.005 GPM
- Air Bubble Detection
- No Moving Parts



**UltraFlo 1000®**  
Flared Tubing Connections  
PFA Teflon®



**UltraFlo 2000®**  
2" NPT | G Connections  
PE Body



**UltraFlo 4000®**  
1/2" | 3/4" | 1" NPT  
PSU Body



**UltraFlo 5000®**  
1/2" | 3/4" | 1" NPT Connections  
PVDF | PE Body

## ProPulse®

### Turbine Flow Meter

- > All Plastic PVDF Body | Rotor
- > Sapphire Bearings
- > Ultra Low Flow Ranges: 50 ml/min | 0.013 GPM
- > ½" Tube | ⅜" Pipe Connections
- > High Accuracy & Repeatability
- > NPN Frequency Pulse Output



## MFI-500

### Insertion Mag Meter

- > Local LCD Display
- > No Moving Parts
- > 4-20mA Output
- > Accuracy: ±0.5%
- > Size Range: ½ - 8"
- > RS485
- > Relay Output
- > GPM | LPM



## MF-1000

### In-Line Mag Meter

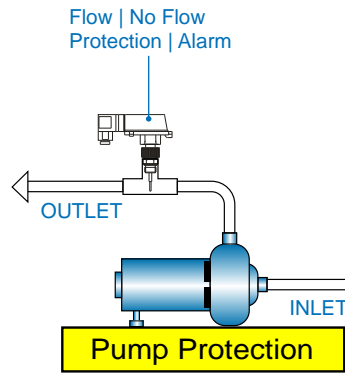
- > Heavy Duty Design - No Moving Parts
- > Size Range: ½ - 12"
- > High Accuracy: ±0.5% | ±0.25%
- > 4-20mA | Pulse | RS485 Output
- > PTFE Teflon® Liner
- > Local or Remote Display
- > High Flow Capacity- Full Port
- > Flange | NPT | Sanitary
- > Blind | LCD Display



## FES

### All Plastic Flow Switch

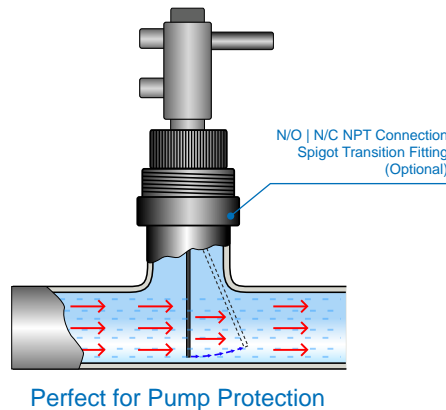
- > All Plastic Construction
- > In-Line Design | Insertion Style
- > Corrosion Resistant PP Body & Paddle
- > Size Range: ½ - 8"
- > Can be Easily Changed from Normally Open to Normally Closed
- > DIN Connection



## UFS

### All Plastic Flow Switch

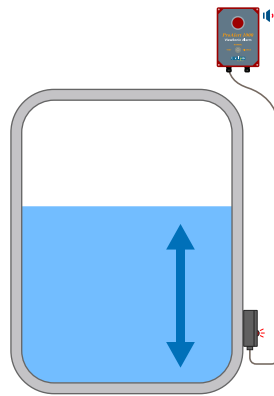
- > RYTON® Body
- > Size Range: ½ - 16"
- > Excellent for Low or High Temperatures  
-25 - 90°C | -4 - 194°F
- > No Power Required
- > Excellent Pump Protection



## NC-30

### Non-Contact Liquid Level | Flow Switch

- > Non-intrusive Liquid Level Detection through Plastic or Fiberglass Walls
- > Simple Relay Setting | NPN Pulse | Switch
- > M12 Connection
- > Measure up to 2" Pipe Diameter (Sch 80)
- > Senses up to 0.3" | 8mm Wall Thickness



## P2R

### Power Supply Switch + Timer

- > Converts 90-250 VAC to 24 VDC
- > Supplies 24 VDC Power to Instrument or Sensor
- > Timer On | Timer Off (5 Sec)
- > NPN | PNP Pulse Input to 5 Amp Relay Output



# PRESSURE



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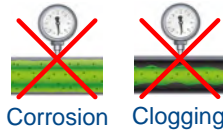
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# OBS Series

## Plastic Gauge with Integral Gauge Guard

- Teflon® Diaphragm
- Available in PVC | PP | PVDF
- Designed to Act as Visual Pressure Alert
- Pressure Range Markers - **Red** | **Yellow** | **Green**
- High Accuracy: ±1.5%
- Factory Pre-Filled
- One-Piece Molded Design (No Assembly)
- 2½" Dial Size
- MNPT | FNPT



**2VU**  
Double Sided Display



**BAG**  
Extra Large 3" Face



Head Rotates  
360°

**OBS-R**  
360° Rotator



**OBS-A**  
Panel Mount



**OBS-B**  
Center Mount

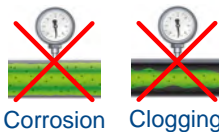


**OBS-LC**  
LCD Battery Operated

# OBS-LE Series

Pressure Transmitter + Switch  
All Plastic Gauge + Isolator  
LED Display

- 4-20mA Output
- 2 Pulse Relay Outputs
- LED Display-Changes from **Green** to **Red** when Relay are Activated
- Teflon® Diaphragm
- Available in PVC | PP | PVDF



**OBS-C**  
Center Mount



**OBS-P**  
Panel Mount



# OBS-GO Series

## Plastic Gauges

- Excellent Chemical Resistance
- ¼" 316 SS NPT Connection
- PP Body Material
- Factory Pre-Filled
- Pressure Range Markers - Red | Yellow | Green
- High Accuracy: ±1.0%
- 2½" Dial Size



**OBS-GO**



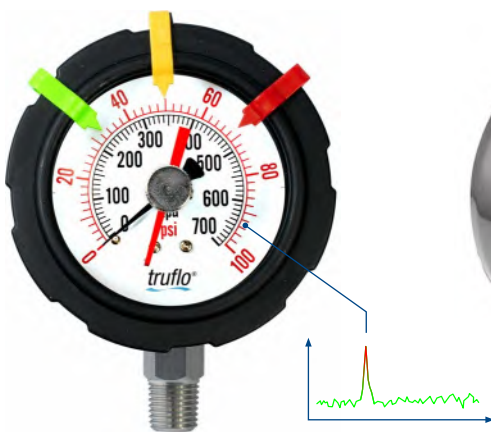
**OBS-DGO**  
Double Sided



**OBS-GO-C**  
Center Mount



**OBS-V**  
Compound Vacuum  
-30 + 30 PSI Range



**OBS-TT**  
Tell Tale  
Indication of Pressure Surges or Spikes



**OBS-GO4**  
4½" Dial Size



**GI Series**  
All Plastic Gauge Isolator

## PPT

### Pressure Transmitter & Switch

- > Accuracy :  $\pm 0.25\%$
- > PP | PVDF | 316 SS
- > Ceramic Diaphragm
- > 2 Relay Output | 5 Amp | NPN\* | PNP\*
- > 4-20mA | RS485\*
- > Alarm Status - Display Changes from **Green** to **Red**



## PPS

### Pressure Transmitter & Switch

- > Accuracy :  $\pm 0.25\%$
- > PP | PVDF | 316 SS
- > Ceramic Diaphragm
- > 2 Relay Output | 5 Amp | NPN\* | PNP\*
- > 4-20mA | RS485 \*
- > Alarm Status - Display Changes from **Green** to **Red**



## PRD

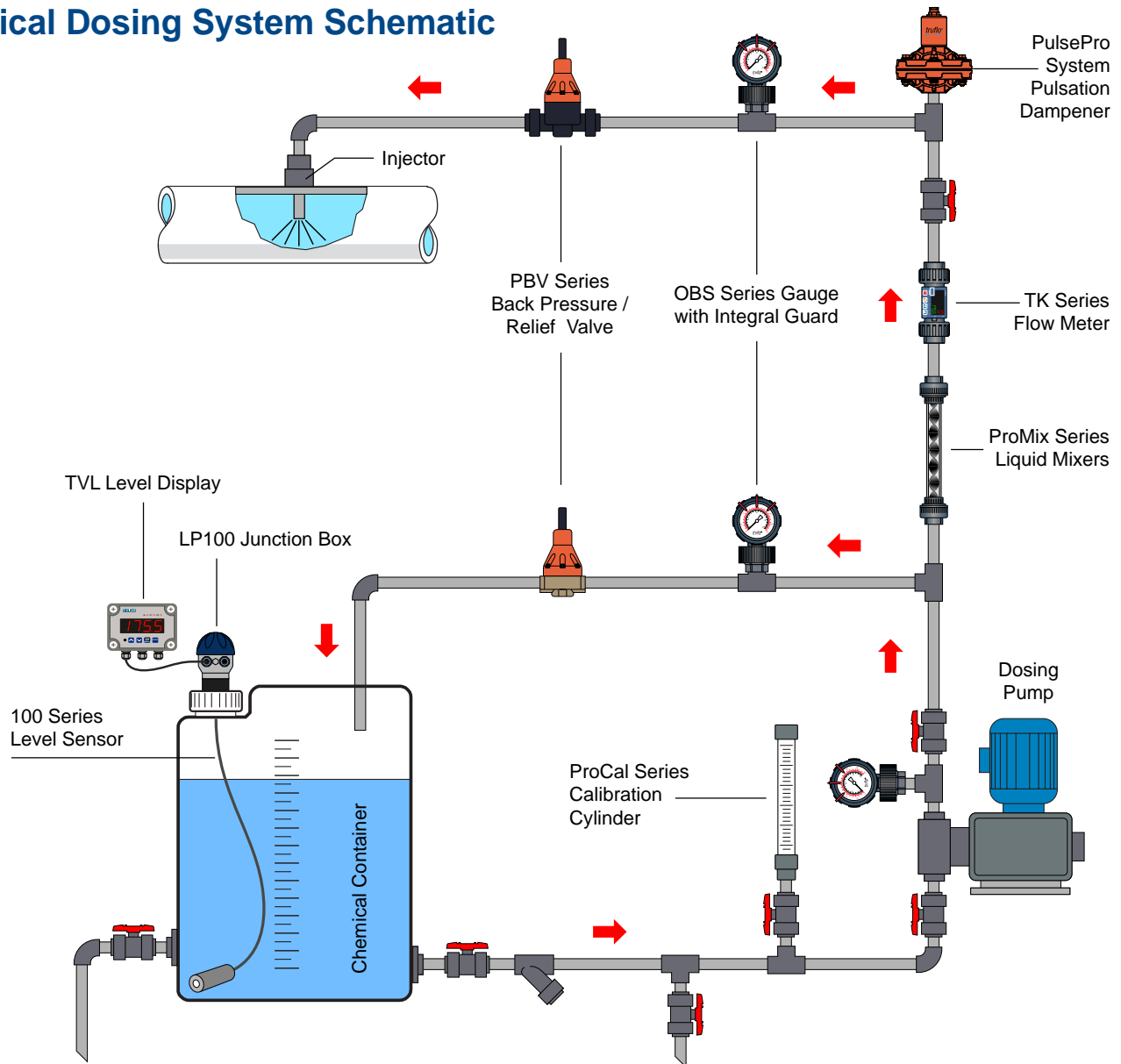
### Pressure Transmitter

- > Accuracy:  $\pm 0.25\%$
- > PP | PVDF | 316 SS
- > Ceramic Diaphragm
- > 2 Relay Output | 3 Amp | NPN\* | PNP\*
- > 4-20mA | RS485\*



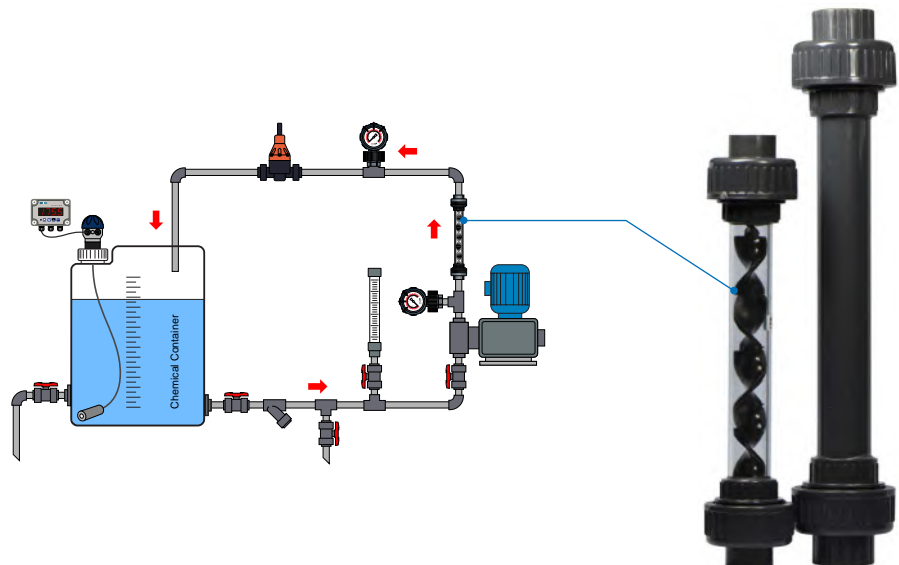
\*Optional

## Typical Dosing System Schematic



### ProMix® PVC Static Liquid Mixers

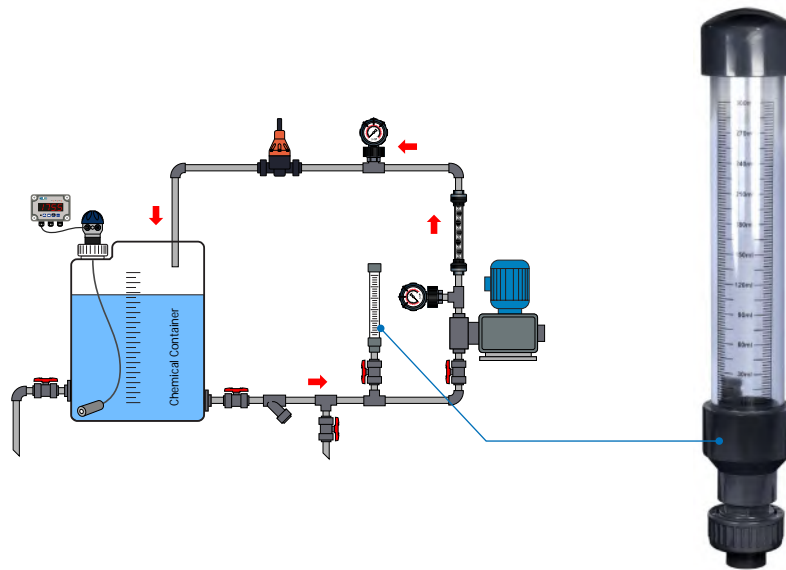
- > Clear | Solid PVC Tube
- > True-Union Design
- > Engineered 'Bow-Knot' for Better Mixing
- > Size Range: ½ - 4"



## CalPro

### Calibration Column

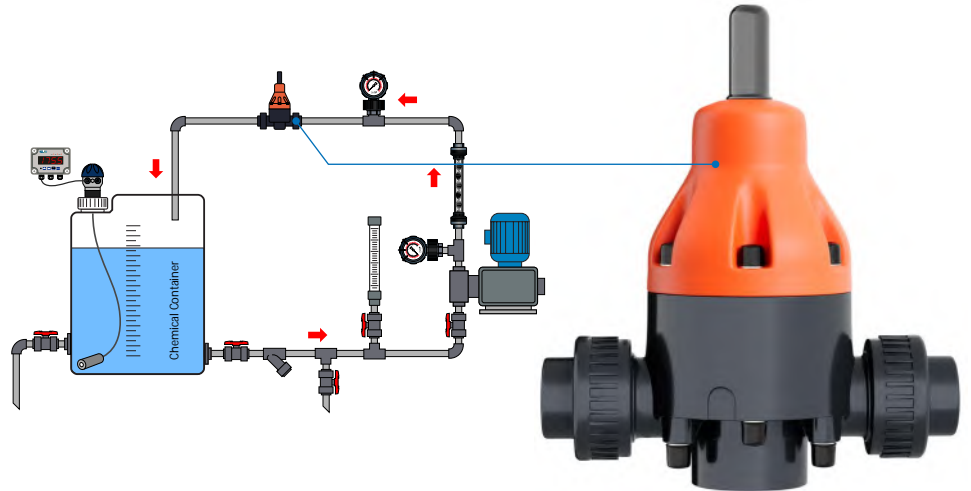
- > Clear PVC
- > Easy to Read Clear Markings
- > True-Union Connection
- > Std Dust Cover
- > Ranges: 100ml - 10,000ml



## BRP

### Back Pressure Relief Valve

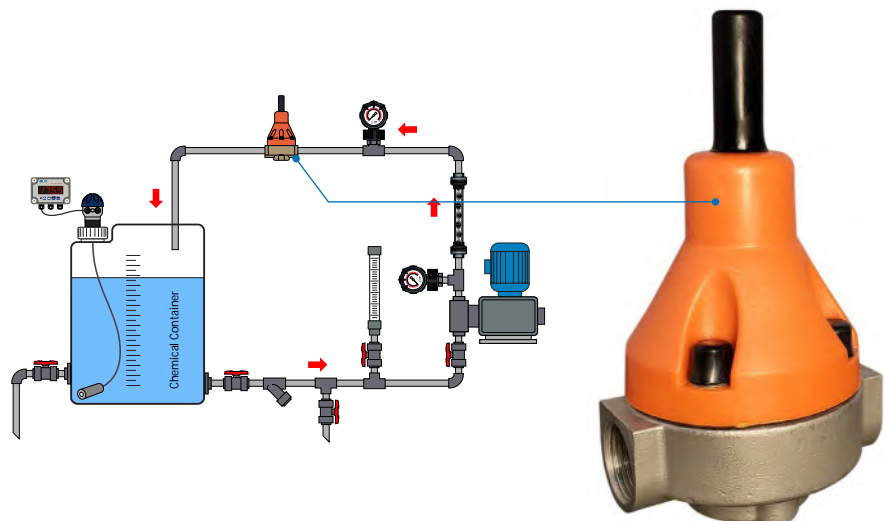
- > Teflon® Bonded EPDM Diaphragm
- > PVC | CPVC | PP | PVDF
- > True-Union Plastic Body
- > Ranges: 5-150 psi | 10-235 psi
- > NPT | Socket | Flanged



## BRP3

### 316 SS Back Pressure Relief Valve

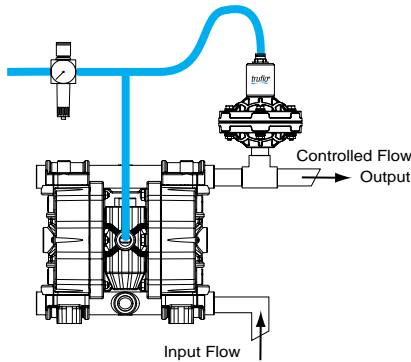
- > Teflon® Bonded EPDM Diaphragm
- > Ranges: 5-150 psi | 10-235 psi
- > NPT Connections



## PulsePro®

### Pulsation Damper + Surge Suppressor

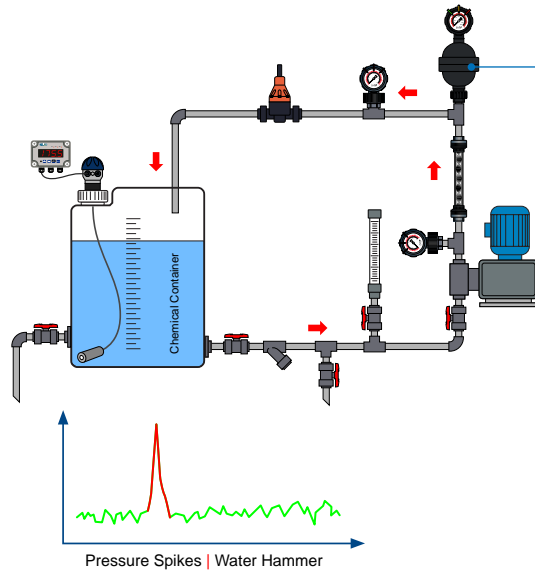
- > All Plastic design GFPP | GFPVDF | PTFE
- > No Pre-Charging Required
- > Long Lasting Heavy Duty Diaphragm
- > Self-Adapting Technology



## PulsePro® PV

### Pulsation Damper + Surge Suppressor

- > PVC Body | FPM Diaphragm
- > Pre-Charged- Field Adjustable
- > Reduces Pulsations by > +95%
- > True-Union Connection



## PulsePro® PF

### Pulsation Damper

- > Glass Filled PP | PVDF | 316 SS
- > Direct Acting
- > Pre-Charged | Adjustable
- > FPM | PTFE Diaphragm
- > Reduces Pulsations by  $\pm 95\%$





# LEVEL

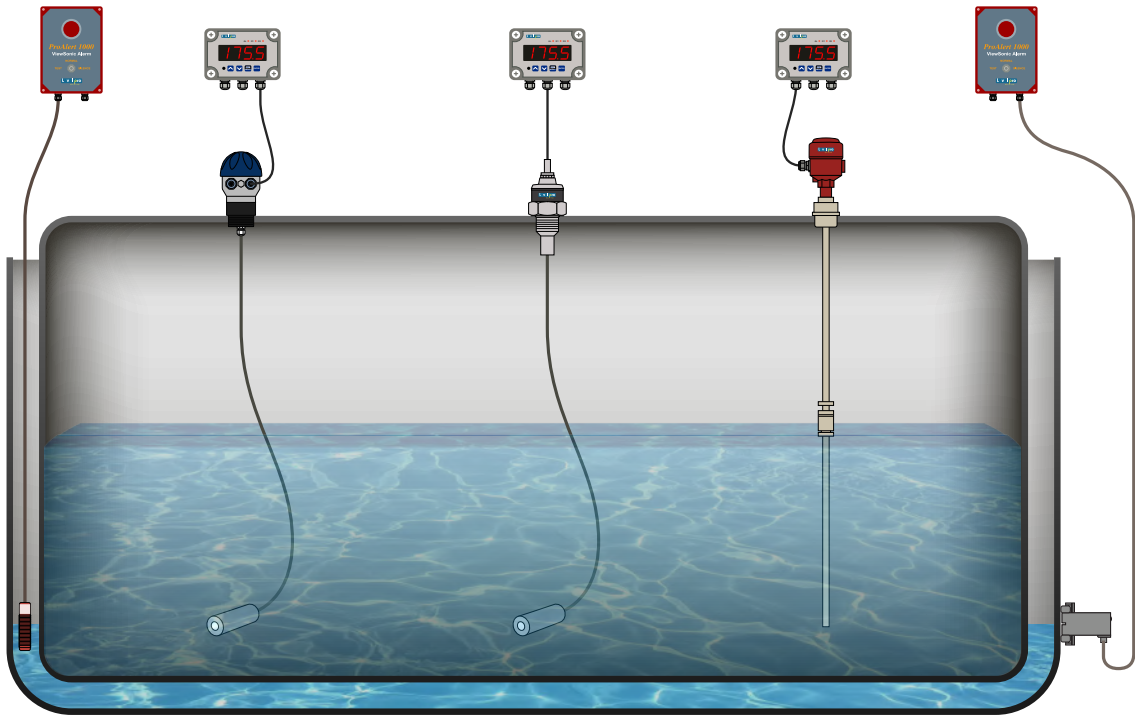


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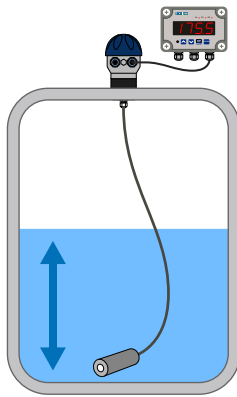
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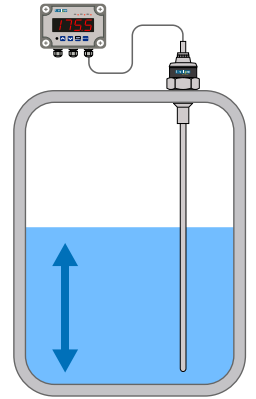
## Submersible Level Sensor

- Measures Head Pressure above the Sensor
- Unaffected by Foam | Vapor | Turbulence | Condensate
- No Programming Required
- PVC | PP | PVDF | PTFE | 316SS Sensor Materials
- Sensor Sits on Bottom of Tank



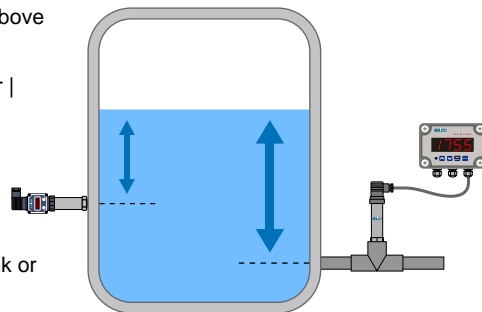
## Guided Wave Level

- Light travels to the cable until it reaches the surface
- Unaffected by Foam | Vapor | Turbulence | Condensate
- Can be used to measure different levels within the tank i.e. Sludge
- PFA Teflon® Coated Cable
- Excellent Choice for Difficult Level Applications



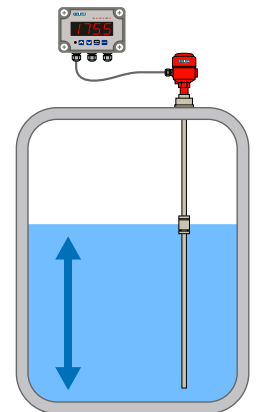
## Pressure Sensor Level

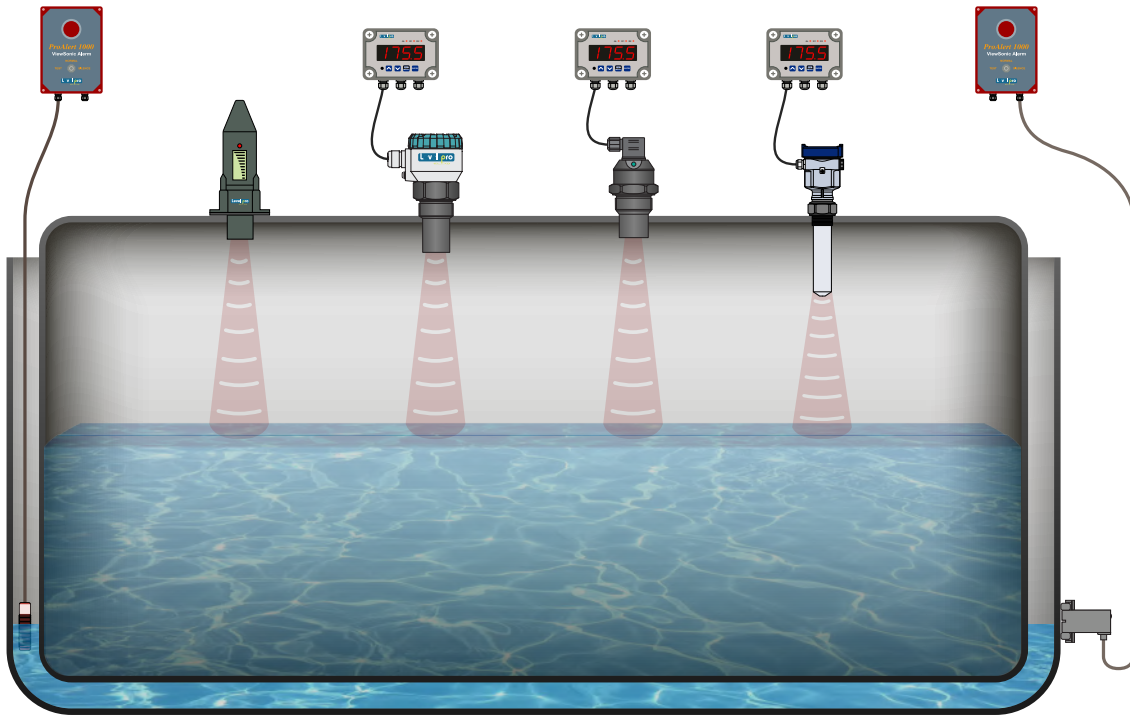
- Measures Head Pressure above the Sensor
- Unaffected by Foam | Vapor | Turbulence | Condensate
- No Programming Required
- PP | PVDF | 316 SS
- Sensor Can be Mounted Directly into Sidewall of Tank or a process Tee



## Continuous Float Level

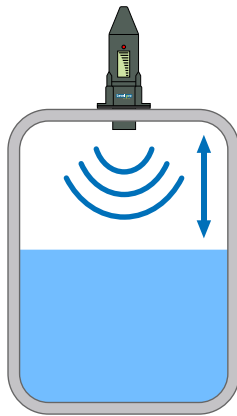
- Very Simple Design - Float moves up and down as liquid changes level
- PVC | PP | PVDF | 316 SS
- 4-20mA Output
- No Programming Required
- Suitable for Clean - Non Sticky Corrosive Chemicals





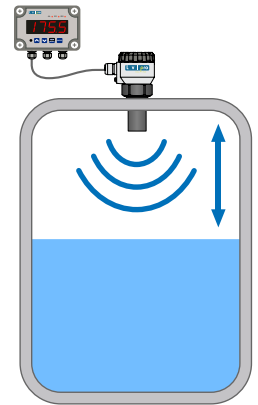
## ViewSonic Ultrasonic Level

- Measures the Space between Transducer and Liquid Level
- Suitable for Stable Liquids
- Not Recommended for Applications that may contain Foam | Vapor | Turbulence | Condensate
- Local Display + Radio Frequency to Remote Display



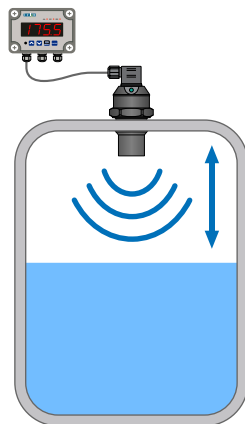
## Ultrapro 1000

- Measures Space between Transducer and liquid Level
- Suitable for Stable Fluids
- Not Recommended for Applications that contain Foam| Vapor | Turbulence | Condensate
- Visual Indication of Level
- LED Echo Confirmation
- 4-20mA Output



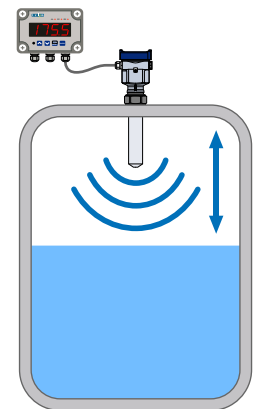
## Ultrapro 500

- Measures Space between Transducer and liquid Level
- Suitable for Stable Fluids
- Not Recommended for Applications that contain Foam| Vapor | Turbulence | Condensate
- Visual Indication of Level
- LED Echo Confirmation
- 4-20mA Output



## ProScan Radar Level

- Measures Space between Transducer and Liquid Level
- Unaffected in many cases by Foam | Vapor | Turbulence | Condensate
- Blind or Visual Junction Display
- PVDF Horn - Excellent Chemical Resistance
- 4-20mA Output

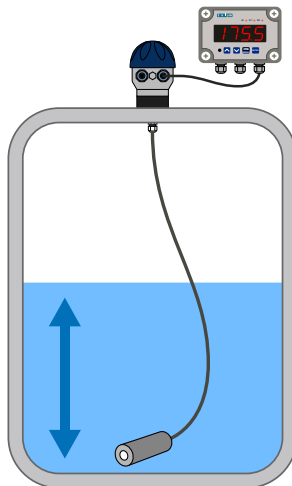




## 100

### Submersible Level Sensor

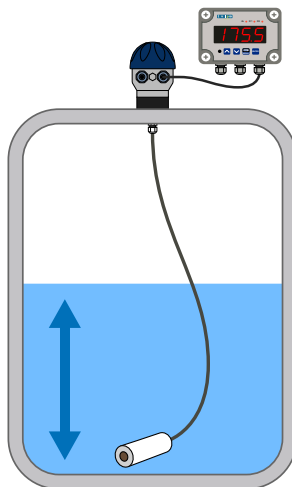
- > PVC | PP | PVDF | 316 SS | PTFE Teflon®
- > Kalrez® O-Ring Seal
- > Integral Weight-No Floating
- > High Accuracy:  $\pm 0.5\%$
- > Flush Sensor | Non-Clogging Design
- > Teflon® Jacketed Cable
- > Excellent for Foam | Vapor | Condensate | Turbulence
- > Ceramic Sensing Diaphragm



## 200C

### Submersible Level Sensor

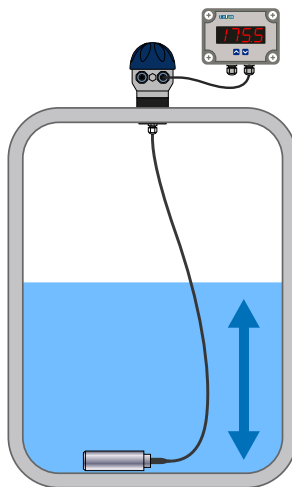
- > PVC | PP | PVDF
- > Kalrez® O-Ring Seal
- > Integral Weight-No Floating
- > High Accuracy  $\pm 0.5\%$  |  $\pm 0.25\%$
- > Flush Sensor | Non-Clogging Design
- > Teflon® Jacketed Cable
- > Excellent for Foam | Vapor | Condensate | Turbulence
- > Capacitive Ceramic Sensing Diaphragm



## 300S

### Submersible Level Sensor

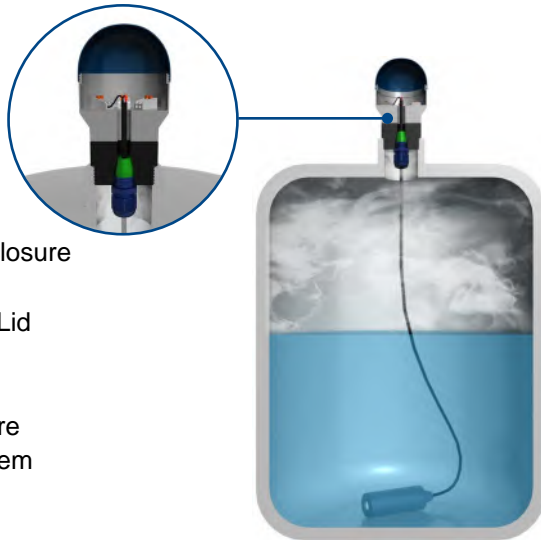
- > 316 SS | Titanium | Hastalloy Body
- > Viton O-Ring Seal
- > High Accuracy  $\pm 0.5\%$
- > Flush Sensor | Non-Clogging Design
- > Teflon® Jacketed Cable
- > Excellent for Foam | Vapor | Condensate | Turbulence



## LP100

### Junction Box

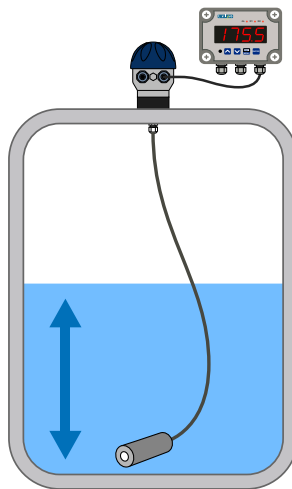
- > All Plastic NEMA 4X Enclosure
- > 2" NPT Tank Connection
- > Self-Draining | Tethered Lid
- > Gortex® Breather
- > PP Sensor Cable Grips
- > No Tools Required to Wire
- > Vaporbloc® Sealing System



## TankPro®

### Submersible Level Sensor + Display

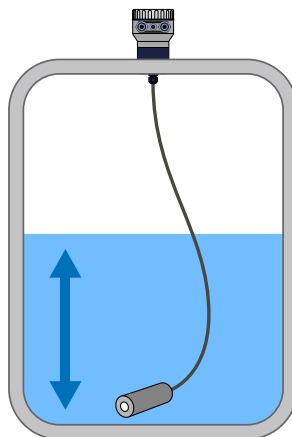
- > Loop Powered LED Display
- > PVC | PP | PVDF | 316 SS
- > Teflon® Jacketed Cable
- > High Accuracy:  $\pm 0.5\%$
- > Excellent for Foam | Vapor | Condensate | Turbulence
- > 2" NPT Tank Connection
- > Gortex® Breather
- > Vaporbloc® Sealing System



## TankPro JB®

### Level Sensor + Display + Junction Box

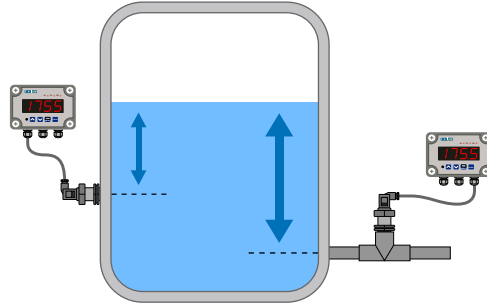
- > Loop Powered LED Display
- > PVC | PP | PVDF | 316 SS
- > Teflon® Jacketed Cable
- > High Accuracy:  $\pm 0.5\%$
- > Excellent for Foam | Vapor | Condensate | Turbulence
- > 2" NPT Tank Connection
- > Gortex® Breather
- > Chemical Resistant PP Cable Grips
- > Vaporbloc® Sealing System



## LP50

### Mini Plastic Pressure Transmitter

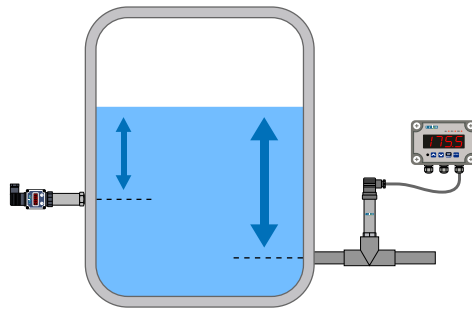
- > PP | PVDF | 316 SS Body
- > Ceramic Sensing Diaphragm
- > MNPT | FNPT
- > DIN Connection
- > High Accuracy:  $\pm 0.25\%$



## LP200

### Plastic In-Line Pressure Transmitter

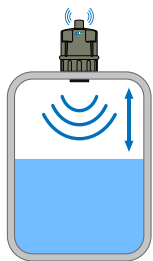
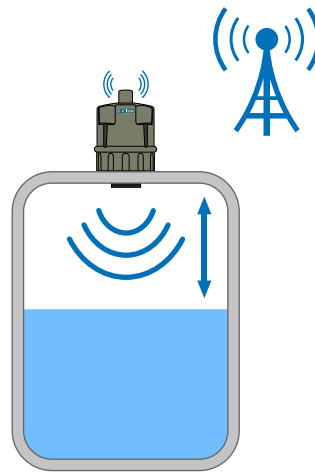
- > PP | PVDF Body
- > Ceramic Sensing Diaphragm
- > High Accuracy:  $\pm 0.5\%$
- > Optional LED Display & Relay



## UltraPro-T<sup>®</sup>

### Ultrasonic Remote Tank Level Monitoring

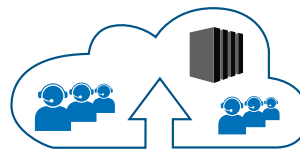
- > Non-Contact
- > Battery Operated | No Programming
- > Remote Monitoring through Cellular Networks
- > 24/7 Access to Data via Cloud
- > Low Monthly Cost
- > Powerful Long Range Antenna
- > Access Data Via PC | Laptop | Smartphone
- > Secure Cloud Data | Password Protected
- > Eliminate Costly Emergency Fills or Pump-Outs
- > Indication of Low | High | Leak



ULTRAPRO-T<sup>®</sup>



CELLULAR NETWORK



SENTINEL 247 ONLINE

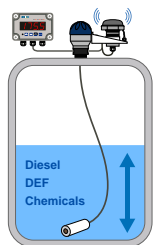


INVENTORY MANAGER

## Sentinel®

### Remote Tank Level Monitoring

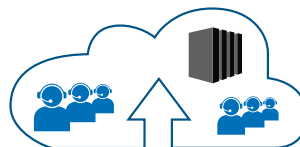
- > Battery Operated | No Programming
- > Remote Monitoring through Cellular Networks
- > 24/7 Access to Data via Cloud
- > Low Monthly Cost
- > Powerful Long Range Antenna
- > Access Data Via PC | Laptop | Smartphone
- > Secure Cloud Data | Password Protected
- > Eliminate Costly Emergency Fills or Pump-Outs



SENTINEL®



CELLULAR NETWORK



SENTINEL 247 ONLINE

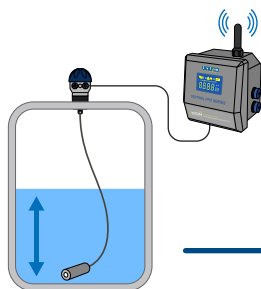


INVENTORY MANAGER

## Sentinel Pro®

### Remote Tank Level Monitoring

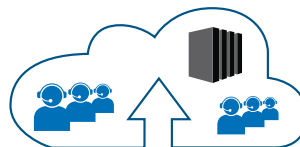
- > 3 | 4-20mA Input Channels
- > Battery Operated | 24 VDC | 120 VAC | Solar
- > 24/7 Access to Data via Cloud
- > Low Monthly Cost
- > Powerful Long Range Antenna
- > Access Data Via PC | Laptop | Smartphone
- > Secure Cloud Data | Password Protected
- > Eliminate Costly Emergency Fills or Pump-Outs



SENTINEL PRO®



CELLULAR NETWORK



SENTINEL 247 ONLINE

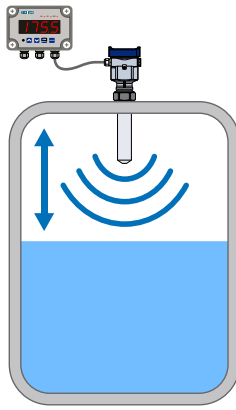


INVENTORY MANAGER

## ProScan®

### Radar Level Transmitter

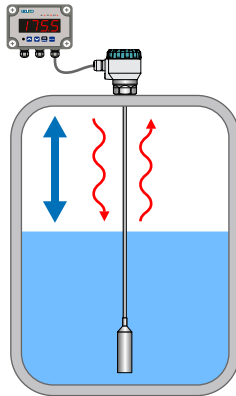
- > PTFE Teflon® Design
- > 4-20mA Loop Powered
- > Suitable for Most Foam | Vapor  
Turbulence | Condensate Applications
- > LCD Backlit Display | Blind



## MLR-70

### Guided Wave Radar Level Transmitter

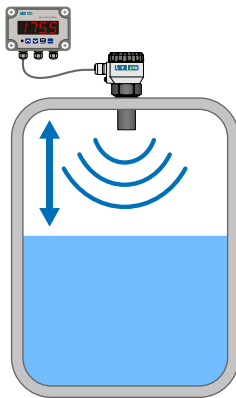
- > Suitable for: Liquids | Bulk Solids |  
Thick Viscous Materials
- > Stainless Steel FEP Teflon® Coated  
Electrode (Rod or Rope)
- > 4-20mA Output | HART® Protocol
- > Local LED Display | Blind



## UltraPro® 1000

### Ultrasonic Level Transmitter

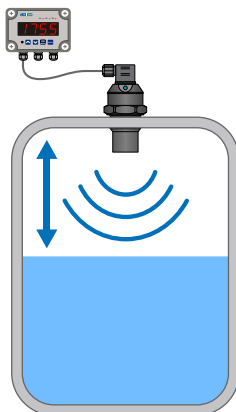
- > Local Visual Display Indication
- > PVDF Transducer
- > Narrow Beam Technology
- > General Purpose | XP ATEX
- > 2 Wire 4-20mA + HART® Protocol
- > Measuring Range: 4 - 66'
- > Accuracy: ±0.2 %



## UltraPro® 500

### Ultrasonic Level Transmitter

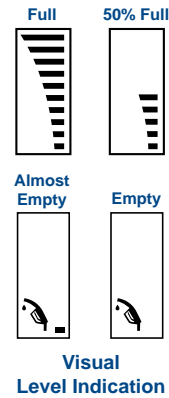
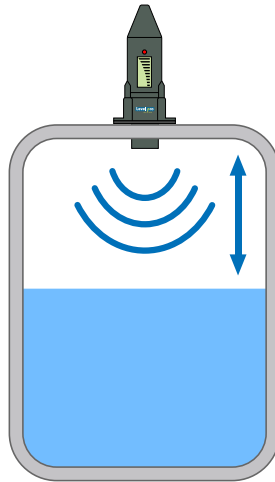
- > Push Button Programming
- > Narrow Beam Technology
- > General Purpose | XP AEX Rated
- > 2 Wire 4-20mA + HART® Protocol
- > Measuring Range: 4 - 66'
- > Accuracy: ±0.2 %
- > LED Echo Confirmation



## ViewSonic®

### Ultrasonic Tank Level Sensor

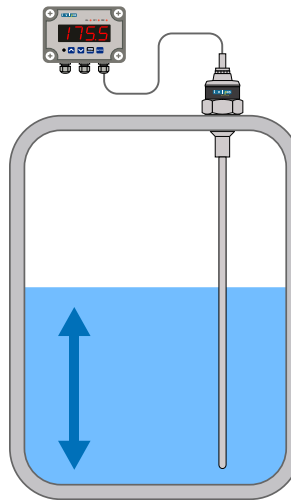
- > Battery Operated
- > Digital LCD Display
- > Wireless Signal to Display
- > Low LCD Level Display Indication
- > PP Enclosure



## MLD-35

### Capacitance Continuous Level Sensor

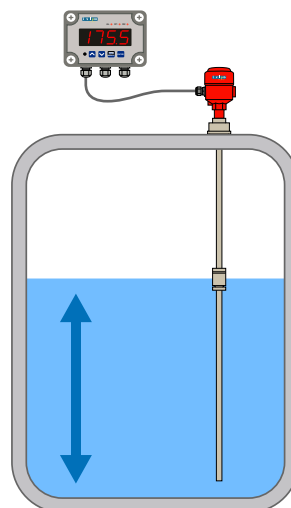
- > Range: ½ - 10'
- > 4-20mA Loop Powered
- > Teflon® Encapsulated Electrode
- > LED Level Visual Indication
- > Excellent Choice for Coating Type Applications

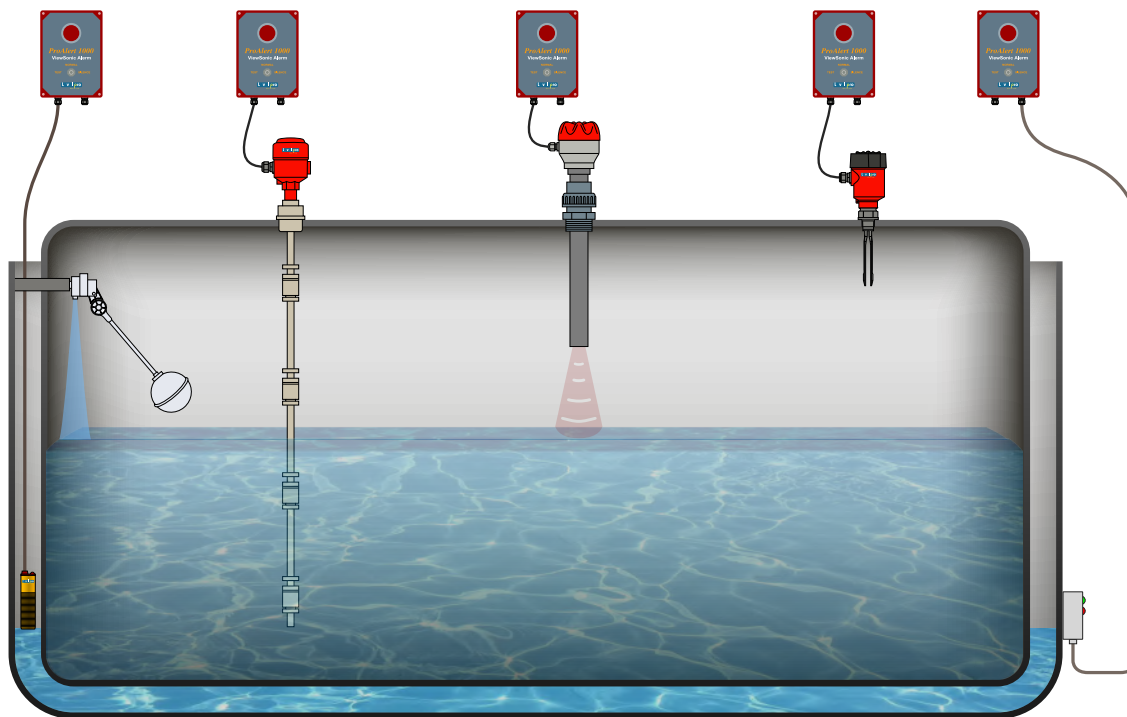


## CFL

### Continuous Level Float Measurement

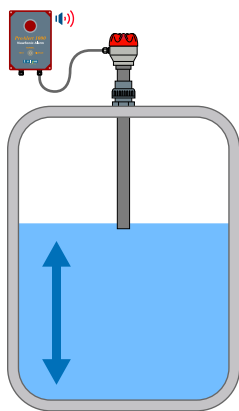
- > Available in PVC | PP | PVDF | 316 SS
- > Tank Measurement up to 6'
- > Two-wire 4-20mA Output
- > Suitable for Clean, Non-Sticky Liquids
- > Excellent Chemical Resistance
- > Blind or LCD Display





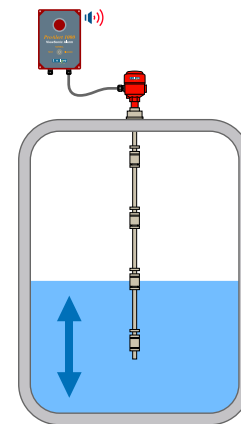
## Capacitance Point Level

- No Moving Parts
- Teflon® Sensor
- Excellent Chemical Resistance
- Adjustable
- Sensor Sits on Bottom of Tank



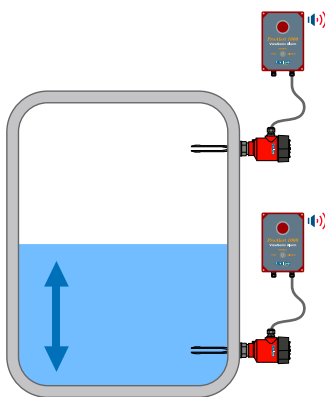
## Float Level Switch

- PVC | PP | PVDF | 316SS
- Excellent Chemical Resistance
- No Power Required
- Suitable for Clean - Non Sticky Liquids
- Up to 8 Float Set Points
- Range: up to 6'
- 2" NPT Connection



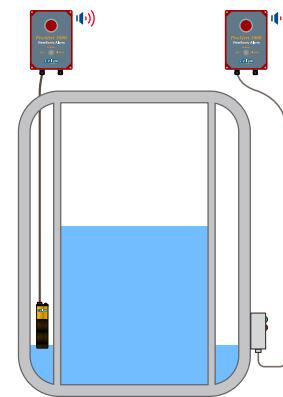
## Tuning Fork Level Switch

- PFA Teflon® Coated 316 SS
- Relay Output
- Excellent for Sticky - Coating Liquids



## Leak Detection Switch

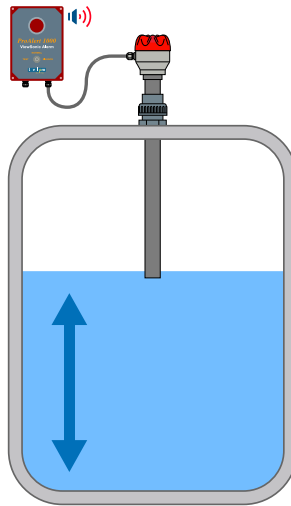
- Senses liquid in double walled tanks
- Contact or Non-Contact Type :
  - > Contact Type uses Capacitive Technology
  - > Non-Contact Type mounts to the outside tank wall and uses Capacitive Technology to sense through the wall
- Can be Connected to ProAlert Audible / Visual Alarm



## CSS

### High Level Sensor

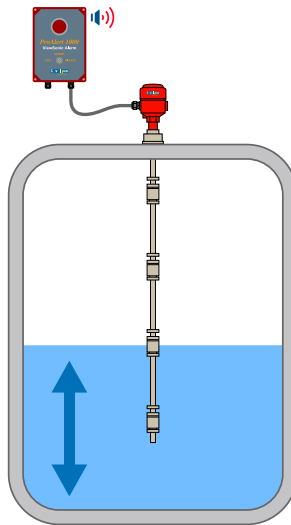
- > Capacitive Sensing | No Moving Parts
- > All Plastic Design
- > Excellent Chemical Resistance
- > Adjustable Liquid Immersion Depth
- > LED Visual Display Indication



## PLF

### Liquid Level Plastic Float Assembly

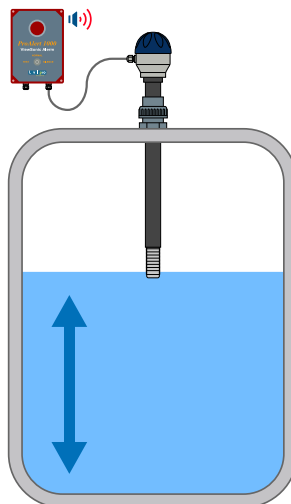
- > Excellent Chemical Resistance
- > 6 - 72" Range
- > Up to 8 Relay Switching Contacts
- > Flange | NPT Connection
- > PVC | PP | PVDF | 316 SS
- > No Power Required
- > Designed for Clean Non-Coating Liquids



## CHL

### High Level Sensor

- > Capacitive Sensing | No Moving Parts
- > All Plastic Design
- > Excellent Chemical Resistance
- > Adjustable Liquid Immersion Depth
- > LED Visual Display Indication
- > Teflon® Sensor





## PLS

### Level Switches

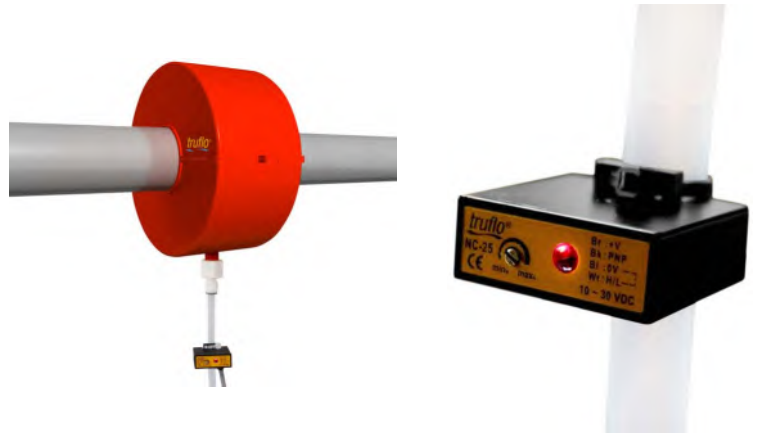
- > Extensive Line of Level Switches
- > High or Low Level Indication
- > All Plastic Design
- > PP | PVDF Body Materials
- > Horizontal or Vertical



## NC-15 | NC-25

### Non-Contact Plastic Flow | Level Switches

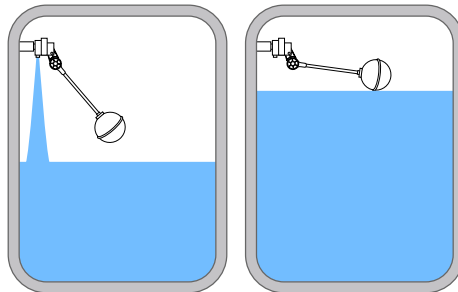
- > Non-Intrusive
- > All Plastic Design
- > Sensitivity Adjustment
- > Perfect for Dosing or Metering
- > Photoelectric or Capacitive Technology



## FloatPro®

### Ball Float Valve

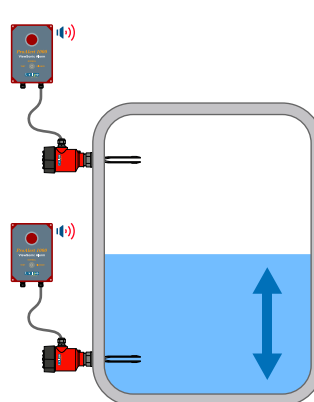
- > PP All Plastic Body
- > Size Range: ½" | 1" | 1½"
- > 5 Mounting Positions
- > Easy to Install
- > Low Cost Tank Monitoring | Filling



## TFS

### Tuning Fork Level Switch

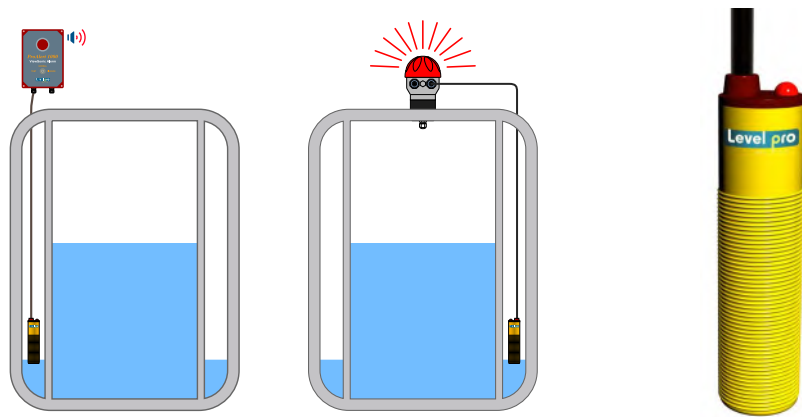
- > Corrosion Resistant PTFE Teflon® Coated
- > Suitable for Dense Foam | Viscous Liquids
- > Excellent Choice for Coating Liquids
- > Relay Outputs
- > DIN or Junction Box



## LDS-YN

### Leak Detection Switch

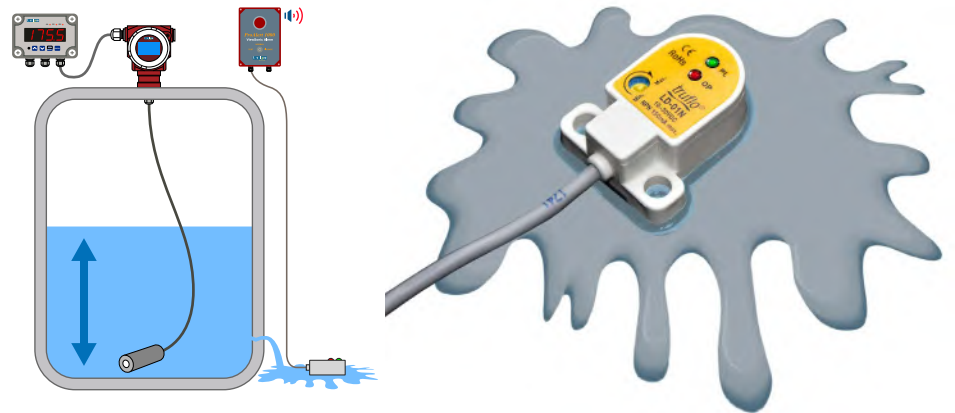
- > PP All Plastic Body
- > Non-Contact Technology
- > LED Notification
- > Perfect for Double Walled Tanks



## LD

### Plastic Leak Detection Switch

- > Low Profile Floor Design
- > Leakage Basins | Dosing Skids
- > Computer Rooms
- > Leaking Pumps
- > LED Power and Upset Indication



## LDS-R

### Leak Detection Switch

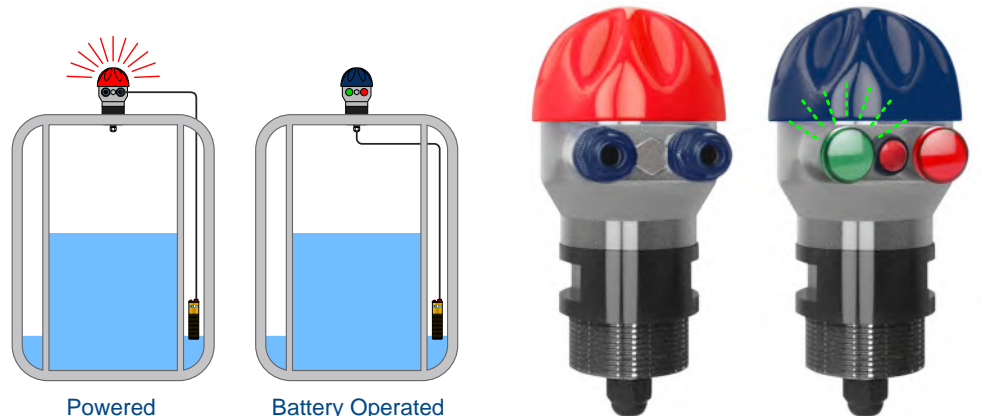
- > Floor Design
- > Capacitive Fail-Safe Operation
- > Perfect for Aggressive and Electrically Conductive Corrosive Chemicals
- > Containment Dikes
- > Double Wall Tanks
- > Leakage Basin
- > Computer Rooms



## LDJ

### Leak Detection Switch

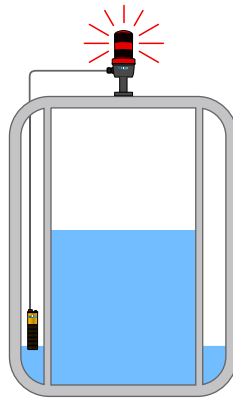
- > Visual Indication
- > Battery Operated or Powered
- > NEMA 4X
- > 1" NPT PE Connection
- > Capacitance Technology



## ProAlert® 200

### LED Visual Alarm

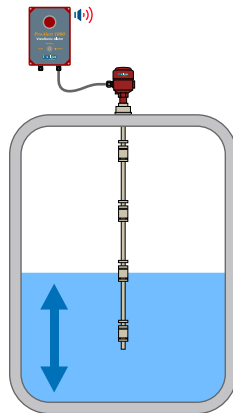
- > High Intensity Xenon Light 'Sunbright' Technology
- > Amber | Red
- > 120 VAC | 24V DC
- > Mount Connections
- > NEMA 4X
- > Mounting Platform



## ProAlert® 1000

### Audible Visual Alarm

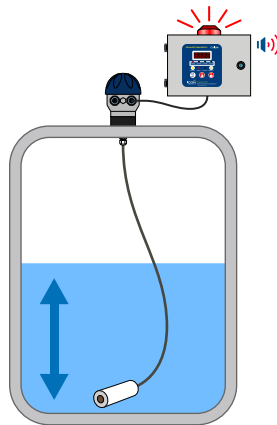
- > High Intensity Red Alarm Light
- > 90 dB Audible Alarm with External Test
- > Rugged NEMA 4X Industrial Design
- > Includes 6' Power Cord
- > High | Low Level Indication
- > Bag | Filter Change Out
- > Leak Detection Notification
- > Flow | No Flow Sensors



## ProAlert® 5000 Sentry

### Audible Visual Alarm + Display

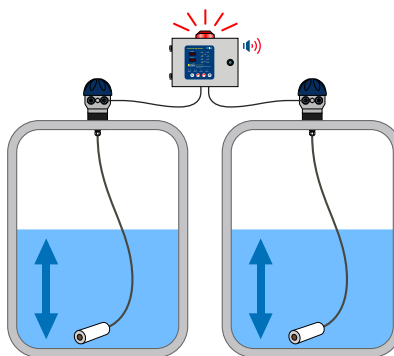
- > Visual LED Display
- > Single 4-20mA Input Signal
- > 2x 5 Amp Relay Outputs
- > 90 dB Audible Alarm
- > Sensor Status Notification
- > High | Low Level Indication



## ProAlert® 5002 Sentry

### Audible Visual Alarm + Display

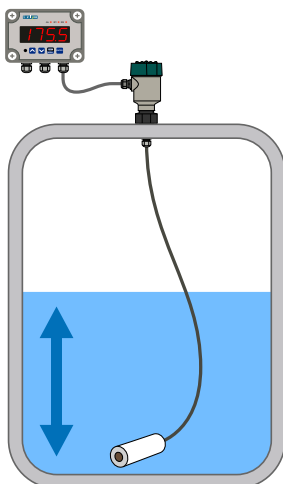
- > Visual LED Display
- > 2x 4-20mA Input Signals
- > 2x 5 Amp Relay Outputs
- > 90 dB Audible Alarm
- > Sensor Status Notification
- > High | Low Level Indication



## TVL

### Liquid Level LED Display

- > All in One Controller
- > NEMA 4X Enclosure + Cord Grips
- > Input : 4-20mA
- > 1x 5 Amp Relay Output + 4-20mA | 2 Relay Outputs
- > Power Supply Output: 24 VDC
- > RS-485 | Modbus RTU Standard
- > 8 Levels of LED Brightness

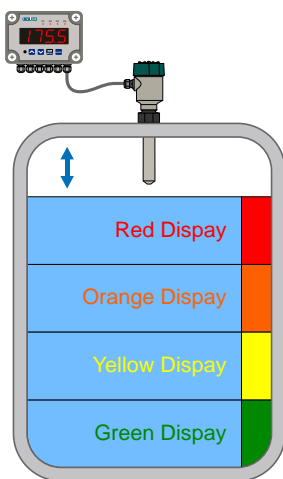


RIS Series  
Universal Remote Controller      Screwdriver included

## TVU

### Universal Multi-Color LED Display

- > 4 Relay Outputs - 5 Amp
- > Power Supply Output: 24 VDC
- > 4-20mA + RS-485 | Modbus RTU
- > NEMA 4X Enclosure + Cord Grips
- > LED Color Display to Mirror Process Conditions

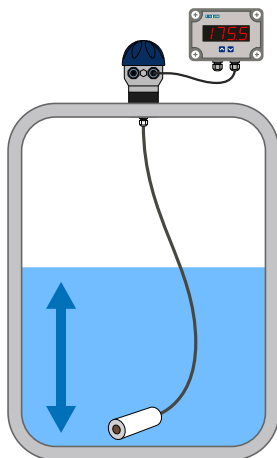


RIS Series  
Universal Remote Controller      Screwdriver included

## 250L

### Loop Powered Level Display

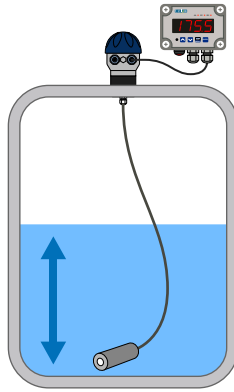
- > 4-20mA Universal Loop-Powered
- > NEMA 4X Enclosure
- > Bright LED Digits
- > High Impact Polycarbonate Enclosure



## 250B

### Industrial Battery Operated Level Display

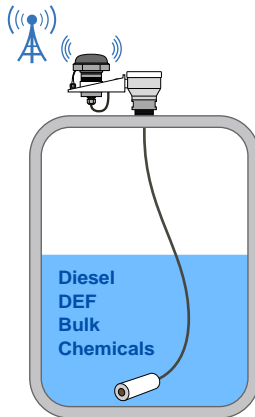
- > Battery Operated
- > 4-20mA Input
- > NEMA 4X Enclosure
- > Built in Timer: 0-60 mins
- > Quick Level Verification
- > Fill Level Verification
- > High Impact Polycarbonate Latching Enclosure



## JBL

### Industrial Level Display

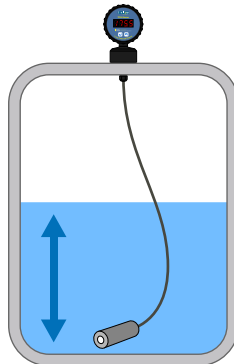
- > 4-20mA Universal Loop-Powered
- > NEMA 4X Enclosure
- > High Impact Polycarbonate Enclosure
- > IP68 Waterproof Cable Grips



## TP50

### Industrial Level Display

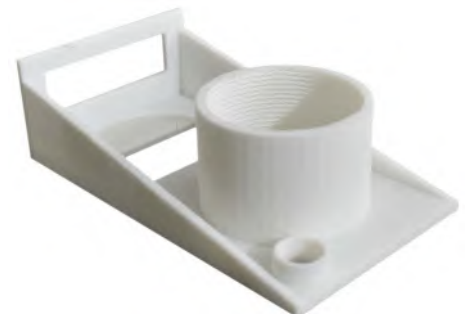
- > 4-20mA Universal Loop-Powered
- > NEMA 4X Enclosure
- > No External Power Required
- > Rotating Display



## LP50

### Mounting Bracket

- > 2" NPT Connection
- > M16 Cord Grip for Magnet
- > Junction Box or Wall Mounting
- > All Plastic Corrosion Resistant Design



## TVF

### Flow Display + Totalizer + Batcher

- > 2x 5 Amp Relay | 4-20mA + 1x 5 Amp Relay
- > Power Supply Output: 24 VDC
- > RS-485 | Modbus RTU Standard
- > NEMA 4X Enclosure + Cord Grips



RIS Series  
Universal Remote Controller      Screwdriver included

## 450

### Industrial Level Controller

- > 4-20mA Input
- > NEMA 4X Panel Mount
- > 4x 5 Amp Relay | 4-20mA + 2x 5 Amp Relay
- > Large Bright LED Display



RIS Series  
Universal Remote Controller      Screwdriver included

## ENC

### Industrial NEMA 4X Enclosure

- > Suitable for Standard Displays
- > Lock-Out Feature
- > Wall Mounting Holes



## RIS

### Universal Remote Controller

- > Range: 20'
- > Ability to Program Displays Remotely
- > No Programming Required



## 650

### Data Logger + Display + Controller

- > Universal Multi-channel Indicator
- > Up to 8 Universal Inputs
- > 2 Electronic Relay Outputs
- > Power Supply: 24 VDC
- > RS-485 | Modbus RTU Standard
- > Password Protected
- > Temperature | Flow | Humidity | Pressure | PH  
| Redox | Level | Current



## 4000

### Data Logger + Display + Controller

- > Up to 4 Universal Inputs
- > 2 Electronic Relay Outputs
- > Power Supply 24 VDC
- > RS-485 | Modbus RTU Standard
- > Temperature | Flow | Humidity | Pressure | PH  
| Redox | Level | Current



## 7200

### Data Logger + Display + Controller

- > Universal Multi-channel Indicator
- > Up to 48 Universal Inputs
- > Power Supply: 24 VDC
- > RS-485 | Modbus RTU Standard
- > Password Protected
- > Temperature | Flow | Humidity | Pressure | PH  
| Redox | Level | Current



## 8000

### Data Logger + Display + Controller

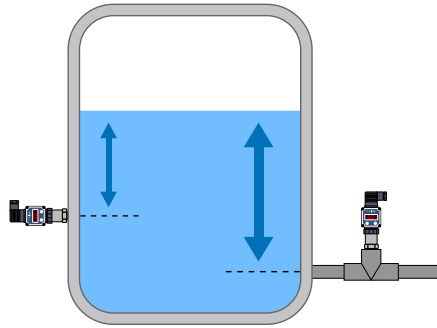
- > Universal Multi-channel Indicator
- > Up to 72 Universal Inputs
- > Power Supply: 24 VDC
- > RS-485 | Modbus RTU Standard
- > Password Protected
- > Temperature | Flow | Humidity | Pressure | PH  
| Redox | Level | Current



## TPP

### Plastic Temperature Probe

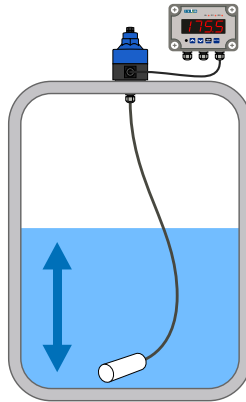
- > Corrosion Resistant PTFE | PFA Teflon®
- > 0-212°F | 0-100°C Standard
- > LED Display | Relay Output\*
- > 4-20mA Output
- > Customizable Lengths
- > Accuracy: ±0.5%



## STS

### Submersible Temperature Sensor

- > Corrosion Resistant PTFE Teflon®
- > 0-212°F | 0-100°C Standard
- > 4-20mA Output
- > 15m Teflon® Cable
- > Accuracy: ±0.5%

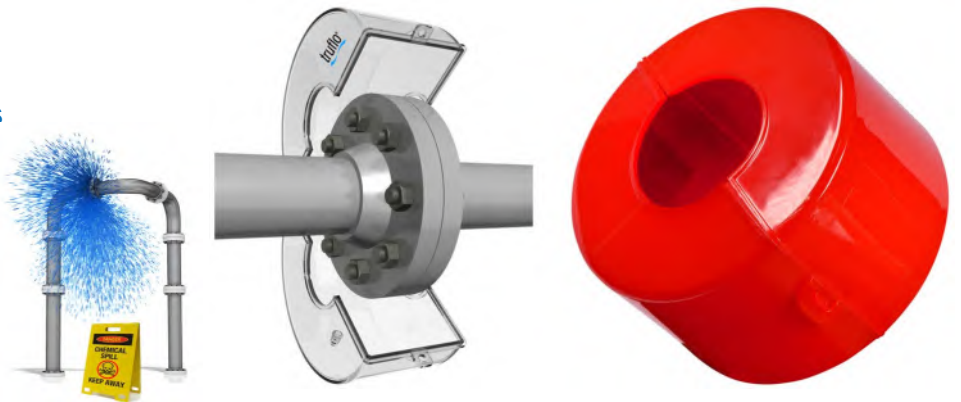


\*Junction Box Sold Separately

## LFS

### All Plastic Flange Spray Shields

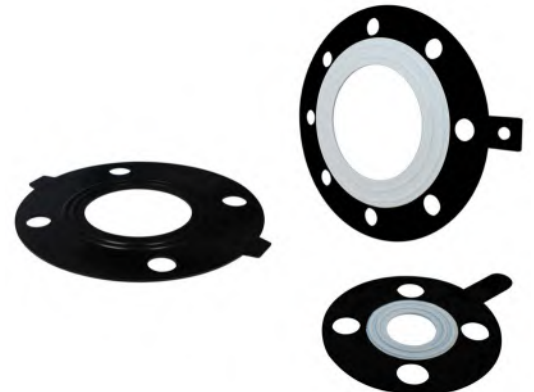
- > PP Solid Construction
- > Size Range: ½ - 12"
- > Reusable
- > No Tools Required
- > Quick Installation
- > 360° Directional Discharge Port\*



## LOTORQ LT

### ANSI 150 lb Full Face Flange Gaskets

- > Low Flange Bolt Torques Required for Positive Seal  
Due to the Molded Raised Face
- > Double Convex Ring Design
- > Up to 250 psi
- > EPDM | PTFE-Bonded
- > ½ - 12" Pipe
- > Full Port Double O-Ring Design



\*Optional





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