

Icon Process Controls stands at the forefront of innovation, providing corrosion-free industrial instrumentation equipment that exceeds global standards of excellence.



Accelerating Innovation

FLOW

Industry's Most Accurate & Reliable Paddle Wheel Flow Meter Sensors



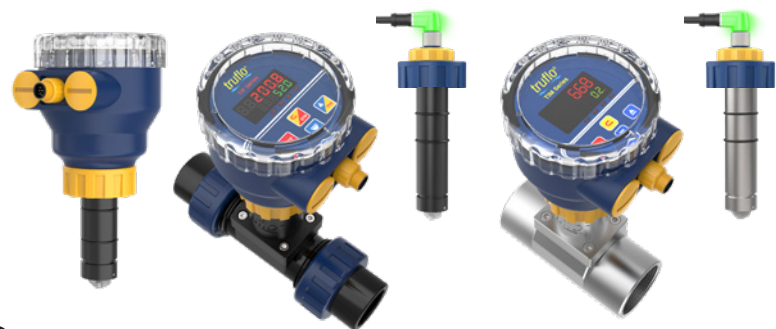
Truflo[®] In-Line Paddle Wheel Flow Meters

- ✓ Industry's Highest Accuracy: $\pm 0.5\%$
- ✓ Corrosion-Free Materials: PVC | PP | PVDF | 316SS
- ✓ Size Range: $\frac{1}{4}$ " - 4"
- ✓ Lifetime warranty on Paddle Wheel Assembly



Truflo[®] Insertion Paddle Wheel Flow Meters

- ✓ Industry's Highest Accuracy: $\pm 0.5\%$
- ✓ Corrosion-Free Materials: PVC | PP | PVDF | 316SS
- ✓ Size Range: $\frac{1}{2}$ " - 24"
- ✓ Lifetime warranty on Paddle Wheel Assembly



Diverse Options to Adapt to Your Application

- ✓ Battery Operated
- ✓ Flow Rate | Total | Pulse | Relay | RS485 | 4-20mA | Voltage | IO-Link | Blind | Local Display
- ✓ Socket | Threaded | Flanged | Butt Fusion
- ✓ Quick Response

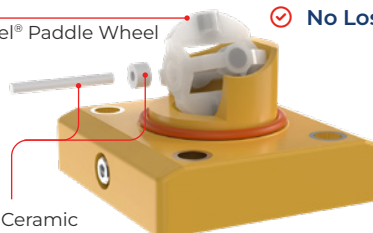
Tefzel[®] Paddle Wheel

- ✓ Superior Chemical & Wear Resistance vs. PVDF

Tefzel[®] Paddle Wheel

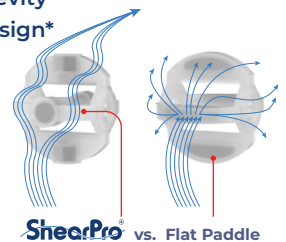


Zirconium Ceramic Rotor Pin & Bushings



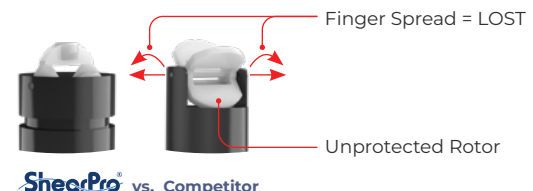
New ShearPro[®] Design

- ✓ Reduced Turbulence = Increased Longevity
- ✓ 78% Less Drag than Old Flat Paddle Design*
*Ref: NASA "Shape Effects on Drag"
- ✓ Contoured Flow Profile



360° Shielded Rotor Design

- ✓ Eliminates Finger Spread
- ✓ No Lost Paddles



Zirconium Ceramic Rotor | Bushings

- ✓ Up to 15x Better Wear Resistance
- ✓ Integral Rotor Bushings Reduce Wear and Fatigue Stress

FLOW



UltraFlo® 500 — Clamp-On Ultrasonic Flow Meter

- ✓ Non-Contact — No Pipe Cutting | Non-Intrusive
- ✓ ½" to 10"
- ✓ High Accuracy | $\pm 2.0\%$ of Actual Flow
- ✓ Flow Rate | Total | 4-20mA | RS485 | Pulse
- ✓ Works on Carbon Steel | SS | PVC | Copper | PVDF | Teflon® | PU | Aluminium
- ✓ Data Logging



ProPulse® 2 — Mini Turbine Flow Meters

- ✓ Perfect for Metering or Dosing Applications
- ✓ Ultra Low Flow Ranges | 40 ml/m | 0.01 GPM
- ✓ High Accuracy & Repeatability $\pm 1\%$
- ✓ Hose Barb | Threaded | Flared | Straight Pipe
- ✓ Pulse | 4-20mA | RS485 Output



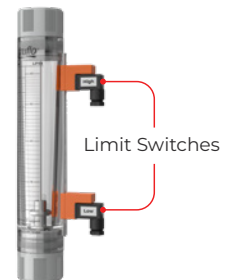
Truflo® MF-1000 — Magnetic Flow Meter

- ✓ High Accuracy: $\pm 0.5\%$ F.S.
- ✓ ½" to 24"
- ✓ Flow | Total
- ✓ 4-20mA | Frequency Pulse | RS-485
- ✓ PTFE Teflon® Liner | Hastelloy C Electrode
- ✓ Full Port | No Pressure Drop | No Clog Design
- ✓ Epoxy Coated Carbon Steel Body



RotaFlo RFP — Variable Area Flow Meter (Rotameter)

- ✓ Quick Visual Flow Indication
- ✓ Dual Scale (GPM | LPM)
- ✓ Easy Installation
- ✓ NPT Connections
- ✓ SS Flow Components
- ✓ ½" - 2" Size Range
- ✓ Limit Switches (Optional)



FES All Plastic Flow Switch

- ✓ Corrosion Resistant PP Body | Paddle
- ✓ ½" - 8" Pipe Sizes
- ✓ DIN Connector
- ✓ Simple Installation Process
- ✓ Easily Changed from NO to NC



TVF Display + Totalizer + Batcher

- ✓ 2 Relay Outputs | 1 Relay + 4-20mA
- ✓ 24 VDC Power Supply Output to Sensor
- ✓ RS-485 | Modbus RTU Standard
- ✓ NEMA 4X Enclosure + Cord Grips
- ✓ Vibrant LED Display



LEVEL



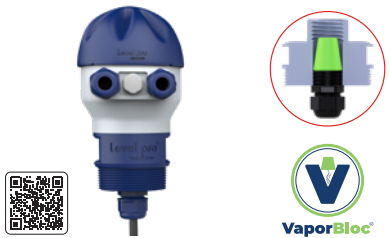
LevelPro® 100 Series Submersible Liquid Level Sensors

- ✓ High Accuracy: $\pm 0.5\%$
- ✓ PVC | PP | PVDF | 316SS | PTFE Teflon®
- ✓ Teflon® Jacketed Cable | Kalrez® O-Ring Seal
- ✓ Excellent Chemical Resistance
- ✓ Integral Weight | No Floating
- ✓ Works on Foam | Vapor | Turbulence | Condensate



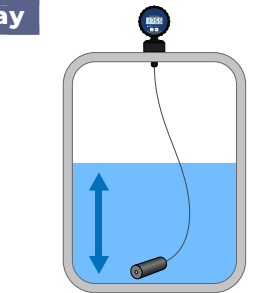
LevelPro® 300S Submersible Liquid Level Sensors

- ✓ High Accuracy: $\pm 0.5\%$
- ✓ Teflon® Jacketed Cable
- ✓ FFKM Kalrez® O-ring
- ✓ 316 SS Sensing Diaphragm
- ✓ Excellent for Foam | Vapor | Condensate | Turbulence



LevelPro® LP100 Tank Level Junction Box

- ✓ All Plastic NEMA 4X Enclosure
- ✓ 2" NPT Tank Connection
- ✓ VaporBloc® Sealing System
(Prevents corrosive vapors from entering into the junction box)
- ✓ Gortex® Breather



LevelPro® TankPro® Submersible Level Sensor + Display

- ✓ PVC | PP | PVDF | 316 SS Body
- ✓ Teflon® Jacketed Cable
- ✓ High Accuracy | $\pm 0.5\%$
- ✓ Loop Powered LCD Level Display
- ✓ Excellent for Foam | Vapor | Condensate | Turbulence
- ✓ 2" NPT Tank Connection
- ✓ VaporBloc® Sealing System
- ✓ Backlit LCD Display



LevelPro® CFL Level Float Measurement

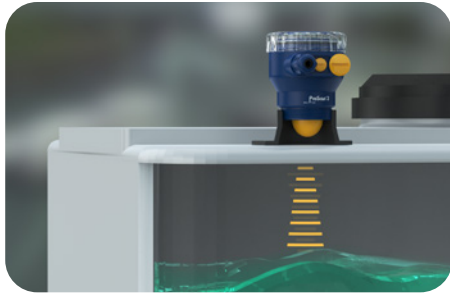
- ✓ Available in PVC | PP | PVDF | 316 SS
- ✓ Tank Measurement up to 6 ft
- ✓ Two-wire 4-20mA Output
- ✓ Suitable for Clean, Non-Sticky Liquids
- ✓ LCD Display or Blind
- ✓ Programmable -HI- -LO- Alarm Indication



LevelPro® PLF & PLA Liquid Level Switches

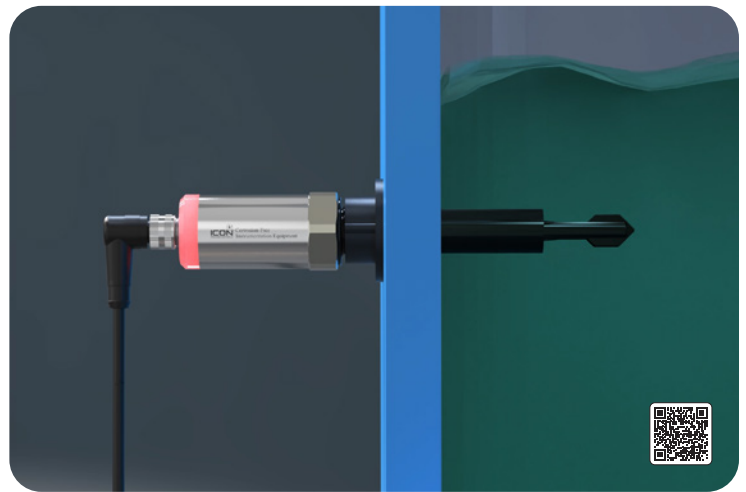
- ✓ 6" - 72" Range
- ✓ Up to 8 Relay Contacts
- ✓ Flange | NPT Connection
- ✓ PVC | PP | PVDF | 316 SS
- ✓ No Power Required
- ✓ Blind (PLF) | With Light (PLA)

LEVEL



LevelPro® ProScan® 3 80GHz Radar Level Sensor

- ✓ Bluetooth Connectivity
- ✓ 80GHz Technology for Unbeatable Accuracy: $\pm 2\text{mm}$
- ✓ 10m or 20m Range
- ✓ NEMA 4X | Rugged and Reliable
- ✓ Not Affected by Vapor or Outgassing
- ✓ Measurement Under Vacuum | High Pressure
- ✓ RS-485 Communication | 4-20mA
- ✓ Versatile — capable of measuring various materials like liquids, solids, and slurries

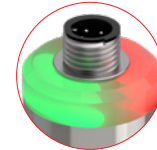


LevelPro® TFS Tuning Fork Level Switch

- ✓ Corrosion Resistant Teflon® Coated SS | 316SS
- ✓ Suitable for Dense Foam | Viscous Liquids
- ✓ Excellent Choice for Coating Liquids
- ✓ $\frac{1}{2}$ " NPT Connection
- ✓ NO/NC Relay Output

Red & Green
Status Lights

Teflon® Coated
Forks



SP100 — ShoPro® Level Displays

- ✓ All-in-One | Out of the Box Ready to Use
- ✓ Super Bright LED Display
- ✓ 4-20mA Input / Output
- ✓ 24V DC Output Supply to Sensor
- ✓ Corrosion Resistant Thermoplastic | NEMA 4X Enclosure
- ✓ Optional Visual | Audible Alarm



TVL — Tank Level Display & Controller

- ✓ All-in-one Controller + NEMA 4X Enclosure
- ✓ Input: 4-20 mA
- ✓ 2 Relay Output | 1 Relay + 4-20mA Output
- ✓ RS-485 (Modbus RTU) Communication
- ✓ LED Display with Adjustable Light Intensity
- ✓ Power Supply Output: 24V DC to Sensor



LEVEL



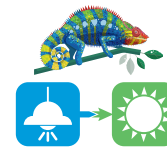
ITC 450 — Industrial Level Controller

- ✓ Adjustable Display Brightness
- ✓ Input: 4-20mA
- ✓ Outputs: 4-20mA + 2 Relay | 4 Relay
- ✓ 4-digit LED Display
- ✓ Communication Interface RS-485 (Modbus RTU)
- ✓ Available NEMA 4X Enclosure (ENC-100)



ITC-250L Loop & 250B Battery Powered Level Displays

- ✓ 4-20mA Universal Loop-Powered / Battery Powered
- ✓ NEMA 4X Enclosure
- ✓ Bright LCD Digits
- ✓ High Impact Polycarbonate Enclosure
- ✓ Suitable for Outdoor Use



Chameleon Color Display
Outdoor Visibility
Display Automatically
Changes from
Blue to Green



TVU Universal Multi-Color LED Display

- ✓ 4x 5A Relay Outputs | 2x 5A Relay + 4-20mA Output
- ✓ 24 VDC Power Supply Output
- ✓ RS-485 | Modbus RTU
- ✓ NEMA 4X Enclosure + Cord Grips
- ✓ Universal Inputs - Current | Pulse | Voltage
- ✓ Programmable LED Colors
- ✓ 8 Levels of LED Brightness
- ✓ Large 2" High Visibility 4 Digit Display



4 LED Color Options



ITC-650, 4000, 7200, & 8000 Data Logger + Controller

- ✓ Universal Multi-channel Indicator
- ✓ Up to 72 Universal Inputs
- ✓ 24 VDC Power Supply to Sensors
- ✓ RS-485 | Modbus RTU Standard
- ✓ Password Protected
- ✓ Temperature | Flow | Humidity | Pressure | PH | Redox | Level | Current
- ✓ Available NEMA 4X Enclosure (ITC8000-ENC)



ANALYTICAL



CablePro® M12 Instrumentation Cable

ProCon® P14 Series — pH Sensors

- ✓ Direct 4-20mA & RS485 Outputs
- ✓ Nexus® Solid Reference
- ✓ ¾" NPT Connection
- ✓ 0 – 14pH Range

ProCon® C Series — Conductivity Sensors

- ✓ Conductivity | TDS | Salinity | Resistivity
- ✓ Range 0µS – 2,000mS
- ✓ Direct 4-20mA & RS485 Outputs
- ✓ ¾" NPT Connection
- ✓ Factory Calibrated

ProCon® pH | ORP | Conductivity — Controllers

- ✓ Large Color LCD Display
- ✓ SimpliCal® Calibration
- ✓ Relay Control Switches
- ✓ 4-20mA & RS485 Output Modes
- ✓ Data Recording | Curve Display | Data Upload Function



IO-Link

4-20mA IO-Link Adapter

Economy



300

Color LED



400

Single Data Trending



500

Dual Data Trending



520

Single NEMA 4X



700

Dual NEMA 4X

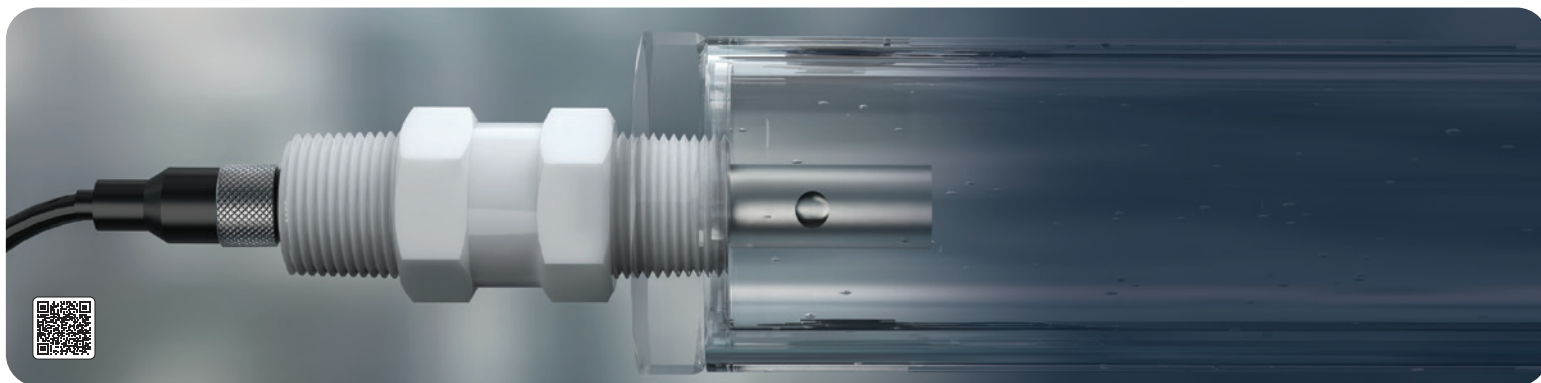


720

Universal 4-Channel



900



NEXUS®

Enhanced chip technology allows for remote calibration as well as diagnostic data

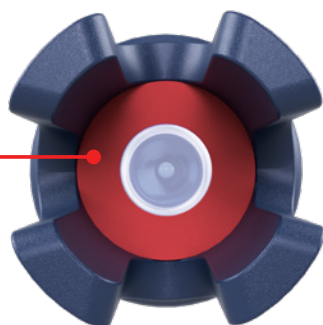
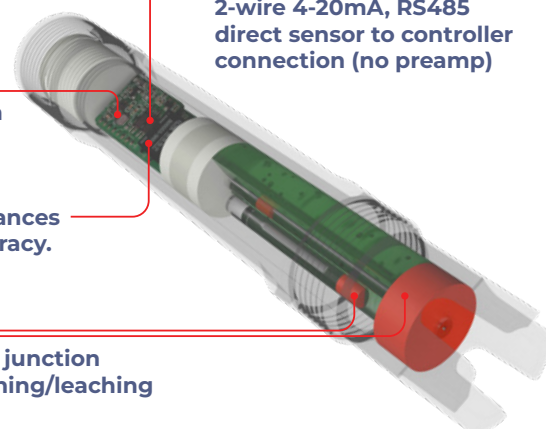
Digital output — longer distances without compromising accuracy.

Nexus® technology

- Solid KCl infused reference junction
- Eliminates reference poisoning/leaching
- Extended life expectancy

Integral Preamp

2-wire 4-20mA, RS485 direct sensor to controller connection (no preamp)



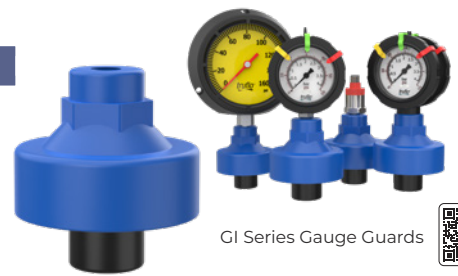
Nexus® Solid Reference

PRESSURE



OBS — Pressure Gauge & Guard Combo

- ✓ No Filling or Assembly Required
- ✓ Excellent Chemical Resistance
- ✓ Glycerin | Silicone Filled
- ✓ Teflon[®] Diaphragm
- ✓ Large 2½" Display
- ✓ MNPT | FNPT | Flange | Socket | Butt



GI Series Gauge Guards



PRD — Digital LED Pressure Transmitter | Switch

- ✓ Miniature Size
- ✓ LED Display with Psi | Bar | kPa | Kg/cm²
- ✓ PP | PVDF | 316SS
- ✓ 4-20mA + 2x 1A Relay Outputs
- ✓ 2x NPN | PNP Outputs
- ✓ 0.25% F.S. (SS Precision Type) | 1% F.S. (Ceramic Diaphragm) | High Accuracy



LP50 & LP200 — In-Line Pressure Transmitter | Switch

- ✓ Standard Range: 0 – 60 | 0 – 100 | 0-160 Psi
- ✓ Custom Ranges Available
- ✓ 4-20mA Output | 2 Wire Loop Powered
- ✓ Ceramic Sensing Diaphragm | 316SS for Stainless Body Option
- ✓ PP | PVDF | 316SS
- ✓ 0.2% F.S. (SS Precision Type) | 0.5% F.S. (Ceramic Diaphragm) | High Accuracy



PPT Series Digital LED Pressure Transmitter | Switch

- ✓ 330° Rotating Head | Tri-Display | Psi | Bar | kPa | Kg/cm²
- ✓ LED Changes from Green to Red in Upset Condition
- ✓ 4-20mA + 2x 5A Relay Outputs
- ✓ 2x NPN | PNP Outputs (150mA max.)
- ✓ 0.3% F.S. (SS Precision Type) | 0.5% F.S. (Ceramic Diaphragm) | High Accuracy
- ✓ PP | PVDF | 316 SS
- ✓ NEMA 4X Enclosure



LEAK DETECTION



ProAlert® 2 — Industrial Visual | Audible Sentry Alarm

- ✓ High Intensity Alarm Light & Loud 108dB Audible Alarm
- ✓ Silence Function | Light Remains On
- ✓ Rugged NEMA 4X Industrial Enclosure
- ✓ Completely Pre-Wired — Includes 15' Power Cord
- ✓ Extra Relay Output Contact to Remote Alarm or PLC
- ✓ 316 SS Wall Mount Included



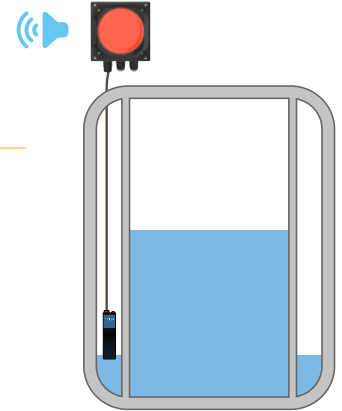
ProAlert® 5000 Series

- ✓ Intensity Red Alarm Light + 150 dB Audible Alarm
- ✓ Silence Button | Light Remains On
- ✓ Input: 4-20mA or Voltage
- ✓ Output: 4-20mA | 2 x 4-20mA + 2x 5A Relays



ProAlert® XPA Series

- ✓ High Intensity Rotating Alarm Light
- ✓ Loud 120dB/180dB Audible Alarm
- ✓ Corrosion-resistant Aluminum Alloy Explosion-Proof Body and Tempered Glass Dome

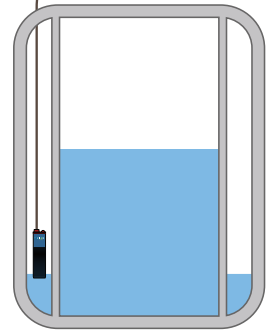


LDS Series — Leak Detection Capacitance Sensor

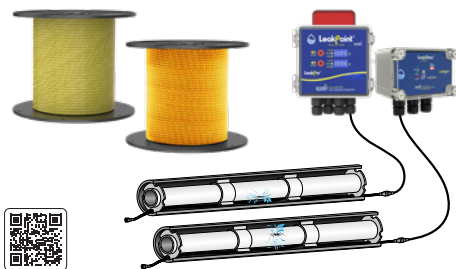
- ✓ Adjustable Sensitivity
- ✓ Polypropylene | 316SS Body
- ✓ Relay Output

LD Series Plastic Leak Detection Switch

- ✓ Floor Design
- ✓ Capacitive Fail-Safe Operation for Double Wall Tanks | Leakage Basins | Dosing Skids | Computer Rooms | Leaking Pumps

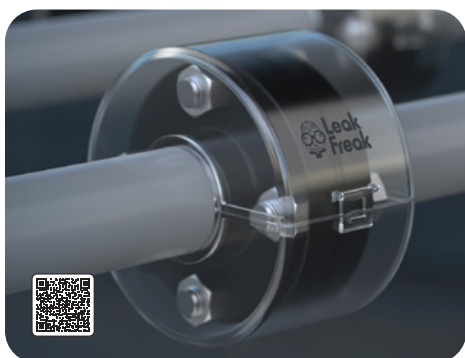
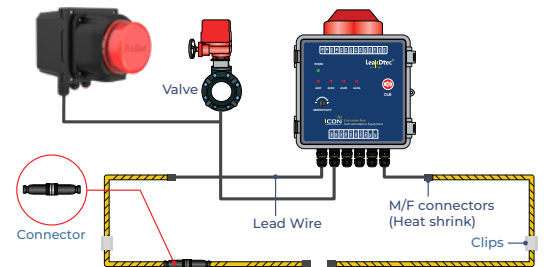


Double Walled Tanks



LDC — Leak Detection Cable

- ✓ Capacitive Fail-Safe Operation
- ✓ Perfect for Aggressive and Electrically Conductive Corrosive Chemicals
- ✓ Compatible with LeakPoint® Controller & LDP Module
- ✓ Distance Detect Alarm & Cable Set



Lotorg LT Series EPDM | Teflon® Flange Gaskets

- ✓ Bolt Torque Reduced by Up to 75%
- ✓ Double Raised O-Ring Design
- ✓ Raised Tab — No Pinched Fingers
- ✓ Excellent Chemical Resistance
- ✓ Perfect for Plastic Piping Systems

LFS — All Plastic Flange Spray Shields

- ✓ PP Solid Construction ½"-8"
- ✓ Reusable | Quick Installation
- ✓ 360° Directional Discharge Port (Optional)



WIRELESS



Sentinel® LT

Sentinel® Remote Tank Level Monitoring

- ✓ Battery Operated | 120VAC | Solar
- ✓ No Programming Required
- ✓ Remote Tank Monitoring via Cellular Networks
- ✓ E-mail/Text Reporting Alarms
- ✓ Battery Powered Up to 5 years (3 calls/day)
- ✓ 24/7 access to data through Cloud
- ✓ Satellite Option



Sentinel® VU

Sentinel® VU2

Sentinel® V

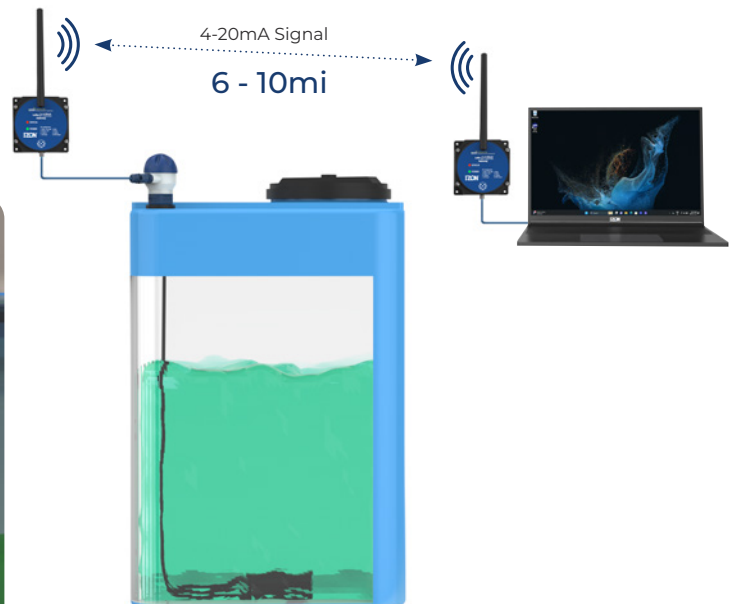


LRT4000 — LoRa Long Range Wireless Transmitter

- ✓ Transmission Distance of up to 10mi
- ✓ Programmable Data Transfer Intervals
- ✓ Multi-interface Support RS-485 | 4-20mA or Digital Input | Digital Output
- ✓ Robust Outdoor Construction (NEMA 4X)
- ✓ AUX I/O Support Remote Setup | Status Inquiry Function



6 - 10mi
4-20mA Signal



4-20mA Signal
6 - 10mi

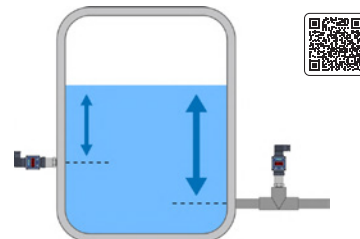


CHEMICAL FEED



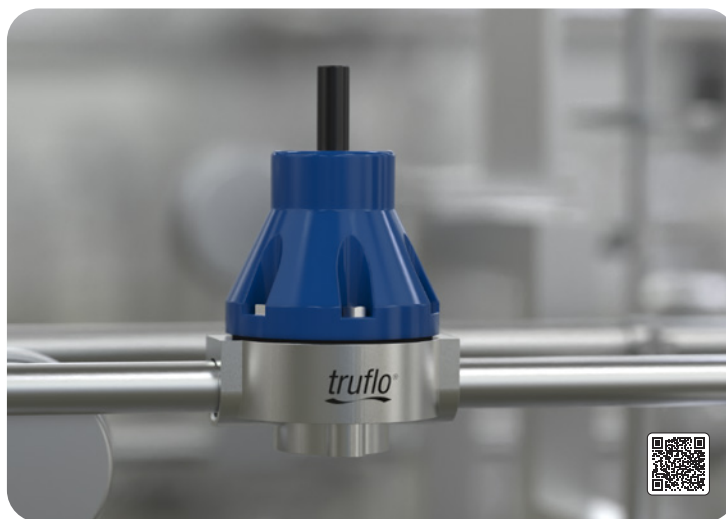
TPP Series — PTFE Teflon® Temperature Sensor

- ✓ Teflon® Provides Superior Corrosion Resistance
- ✓ Customizable Lengths | Ranges
- ✓ High Accuracy | $\pm 1\%$ F.S.
- ✓ 4-20mA Loop Powered
- ✓ Local LED Display (Optional)
- ✓ M12 Connection



PulsePro® | PPPV | PPPF Pulsation Dampeners

- ✓ Corrosion Resistant All Plastic design
- ✓ No Pre-Charging Required
- ✓ PTFE Teflon® Diaphragm
- ✓ Up to 95%+ Reduction in Pressure Spikes
- ✓ ½" – 2" Sizes



BRP Series Back Pressure Relief Valves

- ✓ PTFE Teflon® / EPDM Bonded Diaphragm
- ✓ Glass Filled PP Bonnet
- ✓ PVC | CPVC | PP | PVDF | 316 SS Bodies
- ✓ Field Adjustable 5-150 Psi Range
- ✓ True Union Design with Socket or NPT Connections

Download the
electronic version of
the line card here



Accelerating Innovation

