Line Card
Corrosion-Free Instrumentation

ICON PROCESS CONTROLS™ — Corrosion-Free Instrumentation Equipment

Flow

Liquid Level

Analytical

Pressure

Leak Detection

Wireless Solutions

ICON™ Corrosion-Free Instrumentation Equipment

ICON PROCESS CONTROLS — Corrosion-Free Instrumentation Equipment

⇄ FLOW

TK & TI SERIES — Paddle Wheel Flow Meters

- ⊘ High Accuracy: ±0.5 %
- ⊘ PVC | PP | PVDF | 316SS
- ⊘ Size Range: TK Series ¼"- 4" | TI Series ½"- 24"
- ⊘ Zirconium Ceramic Rotor Pin & Bushings
- ⊘ Flow Rate | Total | Pulse | Relay | RS485 | 4–20mA | Voltage
- ⊘ Powered or Battery

TK TK3 TI TI3

UltraFlo® 500 — Clamp-On Ultrasonic Flow Meter

- ⊘ No Contact with Liquid or Pipe Cutting
- ⊘ High Accuracy | ± 2.0%
- ⊘ Flow Rate | Total | 4-20mA | RS485 | Data Logging
- ⊘ Works on Carbon Steel | Stainless Steel | PVC | Copper | PVDF | PFA | PTFE | PU | Aluminium
- ⊘ Teflon® Coated

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
- ⊘ Hose Barb | Threaded | Flared | Straight Pipe
- ⊘ Pulse Output | 4-20mA | RS485

US quarter for size comparison

Truflo® MF-1000 — Magnetic Flow Meter

- ⊘ High Accuracy: ±0.5% F.S.
- ⊘ Flow | Total | 4-20mA | Pulse | RS-485
- ⊘ PTFE Teflon® Liner | Hastelloy C Electrodes
- ⊘ Full Port | No Pressure Drop | No Clog Design
- ⊘ Epoxy Coated Carbon Steel Body
- ⊘ Powered or Battery

Truflo® RotaFlo® — Rotameter Flow Meter

- ⊘ High Accuracy: ±4%
- ⊘ Economical
- ⊘ Quick Visual Reading
- ⊘ No Power Required

📊 LEVEL

LevelPro® 100 Series Submersible Liquid Level Sensors

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

VaporBloc®

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)

Download the 2024 Catalogue

ICON PROCESS CONTROLS — Corrosion-Free Instrumentation Equipment

LEVEL

LevelPro® TankPro® Submersible Level Sensor + Display

- PVC | PP | PVDF | 316 SS Body
- Teflon® Jacketed Cable
- High Accuracy | ±0.5%
- Loop Powered LCD Display
- Excellent for Foam | Vapor | Condensate | Turbulence
- 2" NPT Tank Connection
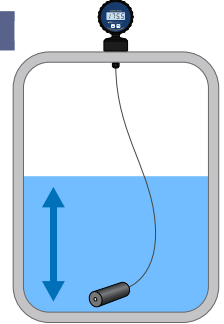
LevelPro® CFL Level Float Measurement

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

Option on PVC model only

LevelPro® PLF Liquid Level Switch

- 6" - 72" Range
- Up to 8 Relay Contacts
- Flange | NPT Connection
- PVC | PP | PVDF | 316 SS
- No Power Required

LevelPro® TFS Tuning Fork Level Switch

- Corrosion Resistant Teflon® Coated SS
- Suitable for Dense Foam | Viscous Liquids
- Excellent Choice for Coating Liquids
- ½" NPT Connection
- Relay Output

Red & Green Status Lights

Teflon® Coated Forks
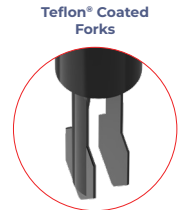
LevelPro® ProScan® 3 — 80Ghz Radar Level Sensor

- Bluetooth Connectivity
- Excellent Reliability and Accuracy
- Not Affected by Vapor or Outgassing
- RS-485 Communication | 4-20mA
- NEMA 4X
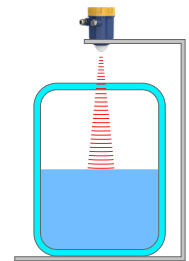
Sentinel® Remote Tank Level Monitoring

- Powered or Battery
- No Programming
- 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

Line Card
Corrosion-Free Instrumentation

ICON PROCESS CONTROLS™ — Corrosion-Free Instrumentation Equipment
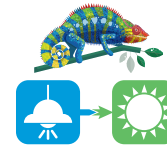
LEVEL

SP100 — ShoPro® & TVL Series Level Displays
- ✓ Super Bright LED Display
- ✓ 4-20mA Input/Output
- ✓ NEMA 4X Enclosure
- ✓ DC Output Supply to Sensor
- ✓ Up To 4x 5A Relays

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

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

TVU Universal Multi-Color LED Display
- ✓ 4 Relay Outputs - 5 Amp
- ✓ 4-20mA + RS-485 | Modbus RTU
- ✓ NEMA 4X Enclosure + Cord Grips
- ✓ Universal Inputs - Current | Pulse | Voltage
- ✓ Large Display

4 LED Color Options

ANALYTICAL

P14 Series — pH Sensors
- ✓ 4-20mA Output
- ✓ Nexus® Solid Reference
- ✓ ¾" NPT Connection

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

pH | ORP | Conductivity — Controllers
- ✓ Large Color LCD Display
- ✓ SimplCal® Calibration
- ✓ Relay Control Switches
- ✓ 4-20mA & RS485 Output Modes
- ✓ Data Recording | Curve Display | Data Upload Function

NO PREAMP REQUIRED
Direct Sensor to Controller

IO-Link
4-20mA – IO-Link

| Economy | Color LCD | Single Data Trending | Dual Data Trending | Single NEMA 4X | Dual NEMA 4X | Universal 5-Channel |

Line Card
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ICON™ PROCESS CONTROLS — Corrosion-Free Instrumentation Equipment
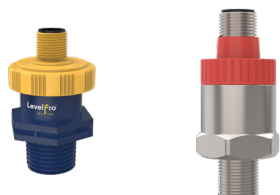
⊙ PRESSURE

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

PRD — Digital LED Pressure Transmitter | Switch

- ✓ 0.3% F.S. (SS) | 1% F.S. (Ceramic Diaphragm) | High Accuracy
- ✓ Miniature Size
- ✓ 4-20mA + 2 Relay Outputs
- ✓ LED Display
- ✓ Psi | Bar | kPa | Kg/cm² | in/wc
- ✓ PP | PVDF | 316SS

LP50 & LP200 — In-Line Pressure Transmitter | Switch

- ✓ 0.2% F.S. (SS) | 0.5% F.S. (Ceramic Diaphragm) | High Accuracy
- ✓ 0 – 60 | 0 – 100 | 0-160 Psi
- ✓ 4-20mA Output | 2 Wire Loop Powered
- ✓ Ceramic Sensing Diaphragm
- ✓ PP | PVDF | 316SS Body for Excellent Chemical Resistance

PPT SeriesDigital LED Pressure Transmitter | Switch

- ✓ 0.2% F.S. (SS) | 0.5% F.S. (Ceramic Diaphragm) | High Accuracy
- ✓ 330° Rotating Head | Tri-Display
- ✓ LED Changes from Green to Red in Upset Condition
- ✓ 4-20mA + 2 Relay Outputs
- ✓ PP | PVDF | 316 SS
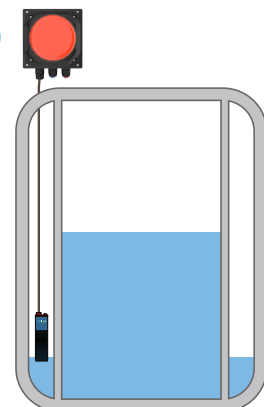- ✓ NEMA 4X Enclosure
- ✓ Psi | Bar | kPa | Kg/cm²

⬥ LEAK Detection

ProAlert® 2 — Industrial Visual | Audible Sentry Alarm

- ✓ High Intensity Alarm Light & Loud 110dB Audible Alarm
- ✓ Silence Function | Light Remains On
- ✓ Rugged NEMA 4X Industrial Enclosure
- ✓ Completely Pre-Wired — Includes 25' Power Cord
- ✓ Extra Relay Output Contact to Remote Alarm or PLC
- ✓ 316 SS Wall Mount Included

LDS Series — Leak Detection Capacitance Sensor

- ✓ Adjustable Sensing Range
- ✓ Plastic Body
- ✓ Pulse Output

LD Series Plastic Leak Detection Switch

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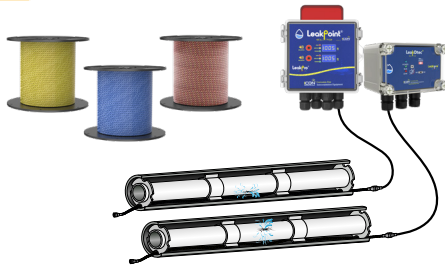 Computer Rooms | Leaking Pumps

Double Walled Tanks

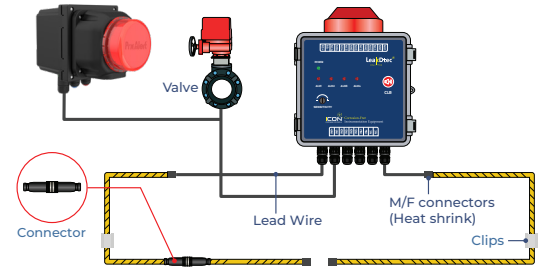ICON PROCESS CONTROLS™ Corrosion-Free Instrumentation Equipment

LEAK Detection

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

Valve · Connector · Lead Wire · M/F connectors (Heat shrink) · Clips

Lotorq 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

LFS — All Plastic Flange Spray Shields

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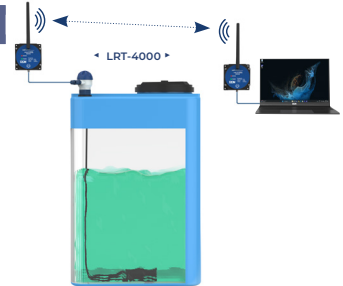- ✓ Quick Installation
- ✓ 360° Directional Discharge Port (Optional)

WIRELESS

6 - 10mi
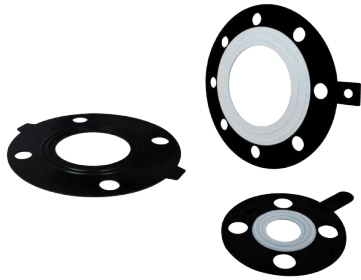
LRT4000 — LoRa Long Range Wireless Transmitter

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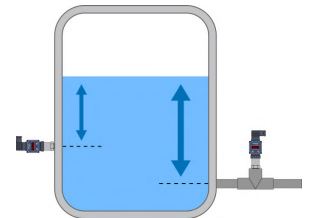- ✓ AUX I/O Support Remote Setup | Status Inquiry Function

LRT-4000

Chemical Feed

TPP Series — PTFE Teflon® Temperature Sensor

- ✓ Teflon® Provides Superior Corrosion Resistance
- ✓ Customizable Lengths | Ranges
- ✓ High Accuracy | ± 0.5% F.S.
- ✓ 2-Wire 4-20mA Loop Powered
- ✓ Local LED Display Option

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