



truflo®

PRODUCT CATALOG



Truflo is proud to work with an outstanding network of professional distributors around the world to market our **INDUSTRIAL PLASTIC FLOW + PRESSURE INSTRUMENTATION EQUIPMENT**

**Process Flow & Pressure
Instrumentation from
Concept to Completion**

for more information visit truflosales.com



COMPANY PROFILE

Truflo is a global market leader that specializes in **Thermoplastic Liquid Flow + Pressure Instrumentation Equipment**

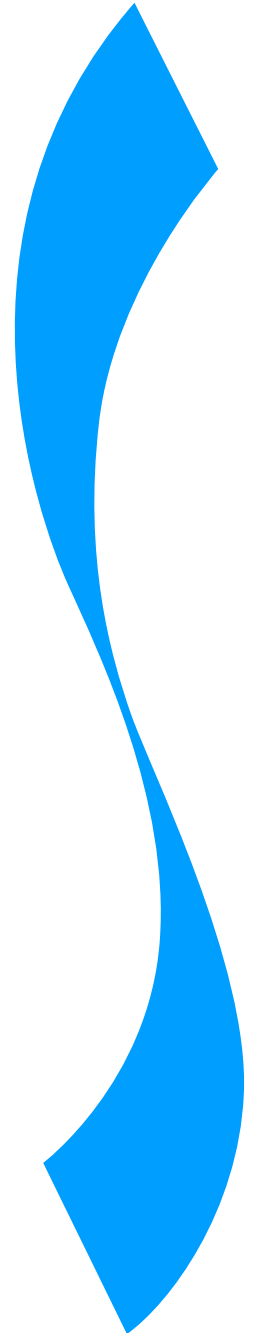
Truflo products are designed to be different from the rest; products that are truly innovative, offering unique features and benefits, they are engineered to work seamlessly in some of the toughest industrial process applications.

All products are made from corrosion resistant thermoplastics, they are built tough and designed to work where the competition fails.

Our markets include Municipal and Industrial Water & Waste-Water Treatment, Bulk Chemicals, Steel Processing, Metal Finishing, Chemical Dosing Skids, Food & Beverage.

Truflo aspires to be your Number one choice for all your **Flow** and **Pressure** process Applications

Truflo...Innovative Products that are '**Built Tough**' and '**Engineered to Outperform!**'



TKS/TKP/TKM SERIES



PVC + PP Paddle Wheel Flow Meter

- High Accuracy $\pm 1.0\%$ of Full Scale
- Unit of Flow Measurement is Selectable (Liter/Gallon/Kilo-liter)
- Corrosion Resistant Materials PVC/PP
- Low Cost Visual Indication
- Easy Installation – No Mounting Kits
- High Flow Range (.3m/s - 10m/s) (.98 ft/s - 32.8 ft/s)
- No K Factor Programming
- Compact Design
- Large Bright LED Digital Display
- Horizontal or Vertical Installation
- Size Range 1/2" – 4"
- Low Pressure Drop
- (4-20 mA) + (Pulse)-Output Signal NEMA 4X Enclosure
- Suitable for Corrosive Environments Password
- Password Protected Security
- True - Union Design 1/2" - 2" (Flanged 3" - 4")
- M12 Quick Disconnect (15ft Cable Included)

TK3 316 SS FLOW METER



PVC + PP Paddle Wheel Flow Meter

- High Accuracy Less than $\pm 1.0\%$ of Full Scale
- Unit of Flow Measurement is Selectable (Liter/Gallon/Kilo-liter)
- Corrosion Resistant Materials PVC/PP/316SS
- Low Cost Visual Indication
- Easy Installation – No Mounting Kits
- High Flow Range (.3m/s - 10m/s) (.98 ft/s - 32.8 ft/s)
- No K Factor Programming
- Compact Design
- Large Bright LED Digital Display
- Horizontal or Vertical Installation
- Size Range 1/2" – 2"
- Low Pressure Drop
- (4-20 mA) + (Pulse)-Output Signal NEMA 4X Enclosure
- Suitable for Corrosive Environments Password
- Password Protected Security
- NPT Connection 1/2" - 2"
- M12 Quick Disconnect (15ft Cable Included)

TKW FLOW METER



Paddle Wheel Flow Meter-Blind Display

- No Programming Required Visual LED Flow Indicator
- SDR11 PP Butt Weld or NPT Thread, CPVC Ends
- High Accuracy Less than $\pm 1.0\%$ of Full Scale
- NPN Pulse+ 4-20mA Output
- Corrosion Resistant Materials PVC/PP/316SS
- Low Cost Visual Indication
- Easy Installation-No Mounting Kits
- Compact Design
- Horizontal or Vertical Installation
- Size Range 1/2" - 4" (PVC, PP)
- Low Pressure Drop
- NEMA 4X Enclosure
- Suitable for Corrosive Environments
- True- Union Design 1/2" - 2" (Flanged 3" - 4")
- Light Weight

Plastic Paddle Wheel Flow Meter

Large Display Changes from **Green** to **Red**
When in Alarm State
Accuracy $\pm 0.75\%$ Of Full Scale
Pipe Size (1/2 -24 Inch)
Flow Rate + Totalizer (Resettable)
Flow Velocity Range (0.33 to 26 Ft/S) (0.1 To 8 M/S)
Eprom Memory-Totalizer Value Will Not Be Lost
Nema 4X (IP66) Protection
Bright LED Display Flow Units-- Litre, USGPM, M3, Ton
Dual Output Relays
4-20mA + Two (7) Amp Relays Output (Standard)
Heavy Duty Industrial Design
Corrosion Resistant All Plastic Wetted Parts-PVDF/PP Body-
Zirconium Ceramic Shaft-PFA Teflon Paddle
Simple Installation

Plastic Paddle Wheel Flow Transmitter

Industry's Highest Accuracy-0.75%
Excellent Chemical Resistance, PP/PFDF, PFA, Ceramic
Size Range 1/2" - 24"
Measuring Flow Range (0.33 Ft/Sec To 26 Ft/Sec)
Easy To Install
Excellent For Low Or High Temperatures
-20 To 90°C (-4 To 194°F)
NEMA 4X (IP65) Or NEMA 6 (IP68) Rating
Extra Long Lasting PFA Paddle Assembly
(Zirconium Ceramic Shaft & Bearings-Standard)
Double FPM O-Ring Seal
High Pressure Rating (Up To 200 Psi)
Frequency Output - 18.5Hz /Ft/Sec
NPN Pulse Output

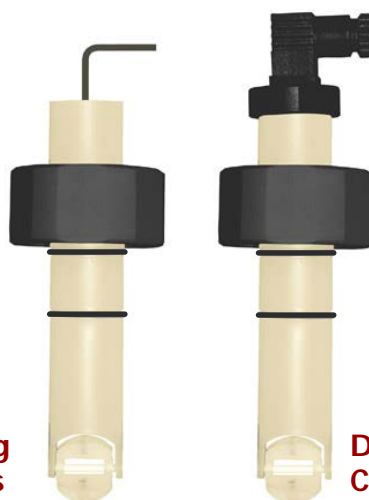
PM Series Magnetic Flow Meter

Heavy Duty Design-No Moving Parts
Sizes 1/2", 3/4" 1"
From 0.25 to 250 L/min (.6-66 GPM)
Pulse Output, Calibrated Range
Stainless Steel 316 L Electrodes
No Programming
Lightweight-Corrosion Resistant
High Flow Capacity

LSS FLOW METER



LS FLOW METER



PM Mag Flow Meter



UltraFlo1000 SERIES



PFA Plastic - All Teflon Ultrasonic Flow Meter

- Industry's Toughest All Plastic Ultrasonic Flow Meter
- Flared Tubing Ends
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- RS-485 Output, 4-20mA
- Blind Display-Light Weight
- 4-20mA Output + Pulse Relay
- Fit & Forget
- IP67 Enclosure
- Negligible Pressure Drop
- Empty Pipe Alarm

UltraFlo4000 SERIES



All Plastic Ultrasonic Flow Meter

- No Moving Parts
- Industry's Toughest All Plastic Ultrasonic Flow Meter
- PVC-CPVC True Union Ends (Option)
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- RS-485 Output, 4-20mA
- Display Flow Rate + Totalizer
- 4-20mA Output + Pulse Relay
- Fit & Forget
- IP67 Enclosure
- Negligible Pressure Drop
- Empty Pipe Alarm
- Polysulfon, PE, PVDF, PFA

UltraFlo5000 SERIES



PVDF-PE Ultrasonic Flow Meter

- Industry's Toughest All Plastic Ultrasonic Flow Meter
- Flared Tubing Ends
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- RS-485 Output, 4-20mA
- Blind Display-Light Weight
- 4-20mA Output + Pulse Relay
- Fit & Forget
- IP67 Enclosure
- Negligible Pressure Drop
- Empty Pipe Alarm

ProPulse TURBINE FLOW

All Plastic Mini Turbine Flow Meter

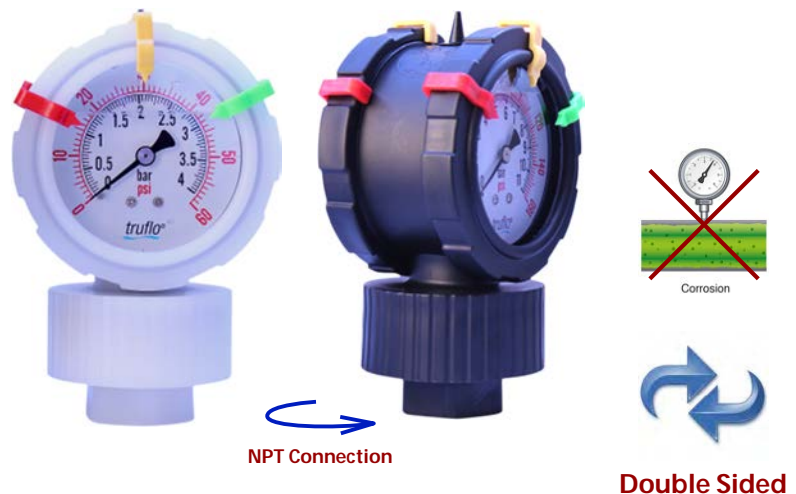
Universal Body 5 Different Flow Ranges -
(Flow Jets Are Field Replaceable)
Excellent Chemical Resistance
All Plastic PVDF Body, Rotor, Sapphire Bearings
Ultra Low Flow Ranges from 50 ml/min (.013 GPM)
Pressure Rating 10 bar (150 psi)
Compact - Light weight
Temperature Rating -40 -120°C (-40 -248°F)
Barbed Hose intal/Outlet connection
5/16 and 1/2 inch. 8mm, 12mm, or 3/8" Pipe Connector
High Accuracy & Repeatability
NPN Pulse Output



2 Vu PLASTIC GAUGE

All Plastic Panel Mount Gauge + Isolator

Industry's First All Plastic Double Sided Gauge
Heavy Duty Rugged Design; Simple to Install
Completely Corrosion Resistant
Designed to Act as Visual Pressure Alert
Extra Large Colored Display
Reduces Pressure Surges caused by Water
Hammer or Metering Pump Pulsations
Highest Accuracy in Industry 1.5%
Factory Prefilled-Glycerin or Silicone (OPT)
No Filling Required
One-Piece Molded Design (No Assembly)
Suitable for Corrosive Media + Slurries



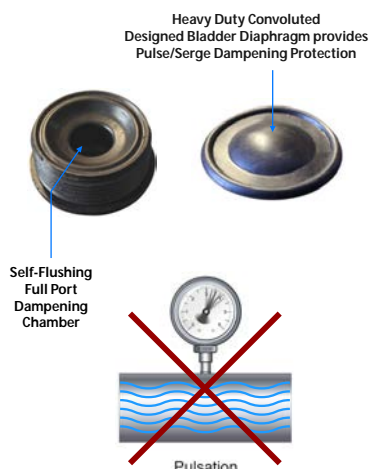
All Plastic Panel Mount Gauge + Isolator

All Plastic (Gauge + Isolator) Filled
Heavy Duty Design; Simple to Install Completely
Corrosion Resistant
Designed to Act as Visual Pressure Alert
Extra Large Color Display
Reduces Pressure Surges caused by Water Hammer
or Metering Pump Pulsations
Pressure Range Markers (RED-Yellow-Green)
Highest Accuracy in Industry 1.5% Factory Pre-
Filled Glycerin or Silicone (OPT)
One-Piece Molded Design (No Assembly) Suitable
for Corrosive Media + Slurries



OBS SERIES

PGS PULSATION + GAUGE



Plastic Gauge + Pulsation Isolator

- All Plastic Plastic (Gauge + Isolator) Filled
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- Red Markers Designed to Indicate Optimum Operating Range
- Extra Large Color Display
- Reduces Pressure Surges caused by Water Hammer or Metering Pump Pulsations
- Highest Accuracy "In the" Industry 1.5%
- Factory Prefilled-Glycerin or Silicone (OPT)
- No Filling Required
- One-Piece Molded Design (No Assembly)
- Suitable for Corrosive Media + Slurries

OBS-DGO-PLASTIC GAUGE



Plastic Double Sided Gauge 1/4" SST NPT

- Double Sided
- Fit & Forget
- Suitable for Corrosive Environments
- All Plastic PP-Viton , PVDF-Teflon
- Heavy Duty Design
- Completely Corrosion Resistant
- Simple to Install
- Perfect Mate for Plastic Isolators
- 316 SST NPT Connection
- High Impact Case

OBS-GO PLASTIC GAUGE



Gauge Isolator
(Optional)

All Plastic Gauge Only-1/4" SST NPT

- Fit & Forget
- Suitable for Corrosive Environments
- All Plastic & Gauge (Filled)
- Heavy Duty Design
- Completely Corrosion Resistant
- Extra Large Colored Display Highest Accuracy in Industry 0.75% Factory
- Pre-Filled Glycerin
- No Filling Required
- Visual Pressure Range Tabs
- Simple to Install
- Perfect Mate for Plastic Isolators

All Plastic Center Mount Gauge + Isolator

Psi + kPa Scale

All Plastic (Gauge + Isolator) Filled

Heavy Duty Design; Simple to Install

Completely Corrosion Resistant

Designed to Act as Visual Pressure

Alert for Bag/Filter Change-Out

Extra Large Color Display

Reduces Pressure Surges caused by Water

Hammer or Metering Pump Pulsations

Highest Accuracy in Industry 1.5% Factory

Pre-Filled Glycerin or Silicone (OPT) No Filling Required

One-Piece Molded Design (No Assembly)

Suitable for Corrosive Media + Slurries



OBS-B CENTER MOUNT

All Plastic Panel Mount Gauge + Isolator

All Plastic (Gauge + Isolator)

Heavy Duty Design; Simple to Install

Completely Corrosion Resistant

Designed to Act as Visual Pressure

Alert for Bag/Filter Change-Out

Extra Large Color Display

Reduces Pressure Surges caused by Water

Hammer or Metering Pump Pulsations

Highest Accuracy in Industry 1.5% Factory

Pre-Filled Glycerin or Silicone (OPT)

No Filling Required

One-Piece Molded Design (No Assembly)

Suitable for Corrosive Media + Slurries



OBS-C CENTER MOUNT

All Plastic Center Mount Gauge + Isolator

Digital LED Display Gauge + Isolator

All Plastic (Gauge + Isolator) Center Mount

No Filling Required

Heavy Duty Design; Simple to Install

Completely Corrosion Resistant

Designed to Act as Visual Pressure Alert for Bag/Filter Change-Out

Extra Large LED Display

Reduces Small Pressure Surges caused by

Water Hammer or Metering Pump Pulsations

Highest Accuracy in Industry $\pm 1\%$

One-Piece Molded Design (No Assembly)

Suitable for Corrosive Media + Slurries

No Programming Required

PTFE Diaphragm - Standard PP and PVDF

6 FT of Cable

No Assembly Required - Fit & Forget



OBSP LED GAUGE



NPT Process Connection

All Plastic Center Mount Gauge + Isolator

- All Plastic (Gauge + Isolator)
- No Filling Required
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- Designed to Act as Visual Pressure Alert for Bag/Filter Change-Out
- Extra Large LED Display
- Reduces Small Pressure Surges caused by Water Hammer or Metering Pump Pulsations
- Highest Accuracy in Industry $\pm 1\%$
- One-Piece Molded Design (No Assembly)
- Suitable for Corrosive Media + Slurries
- No Programming Required
- PTFE Diaphragm - Standard PP and PVDF
- 6 FT of Cable Standard
- Comes Pre Assembled

OBS-ED SERIES LED DIGITAL



NPT Connection

All Plastic Gauge + Isolator LED Display

- All Plastic (Gauge + Isolator)
- No Filling Required
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- Designed to Act as Visual Pressure Alert for Bag/Filter Change-Out
- Extra Large LED Display
- Reduces Small Pressure Surges caused by Water Hammer or Metering Pump Pulsations
- Highest Accuracy in Industry 1%
- One-Piece Molded Design (No Assembly)
- Suitable for Corrosive Media + Slurries
- No Programming Required
- PTFE Diaphragm - Standard
- 6 FT of Cable

OBS-CD BATTERY GAUGE



NPT Connection

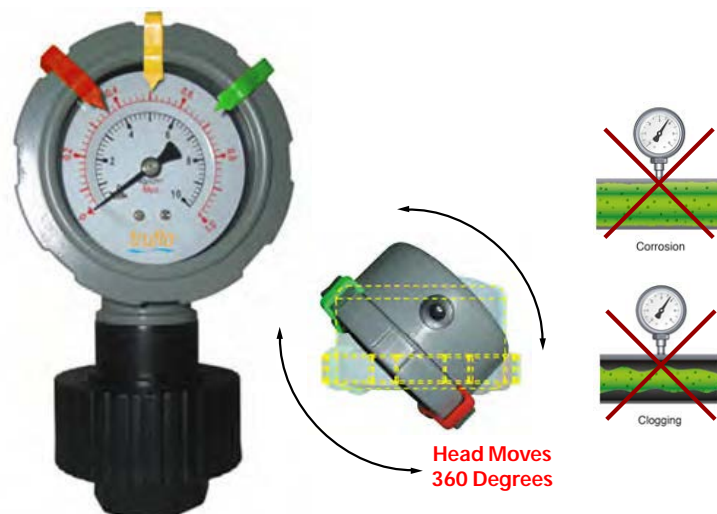
Battery Operated All Plastic Gauge + Isolator

- All Plastic (Gauge + Isolator)
- No Filling Required
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- Designed to Act as Visual Pressure Alert for Bag/Filter Change-Out
- Extra Large LCD Display
- Reduces Small Pressure Surges caused by Water Hammer or Metering Pump Pulsations
- Highest Accuracy in Industry $\pm 1\%$
- One-Piece Molded Design (No Assembly)
- Suitable for Corrosive Media + Slurries
- No Programming Required
- PTFE Diaphragm - Standard
- Replaceable Lithium Battery
- Long Life (3 Years)

All Plastic Panel Mount Gauge + Isolator

- 360 Degree Full Rotation
- Filled Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- Pressure Range Tabs (Red - Yellow - Green)
- Extra Large Colored Display
- Reduces Pressure Surges caused by Water Hammer or Metering Pump Pulsations
- Highest Accuracy in Industry 1.5% Factory
- Pre-Filled Glycerin-No Filling Required
- One-Piece Molded Design (No Assembly)
- Suitable for Corrosive Media + Slurries

OBS-R 360 ROTATOR



All Plastic Panel Mount Gauge + Isolator

- All Plastic Heavy Duty Design
- Simple to Install
- Completely Corrosion Resistant
- Designed to Act as Visual Pressure Alert
- Extra Large Color Display
- Pressure Range Markers (Red - Yellow - Green)
- Highest Accuracy in Industry 1.5% Factory Pre-
- No Filling Required
- One-Piece Molded Design (No Assembly)
- Suitable for Corrosive Media + Slurries
- (Use with GI Gauge Isolators)



Digital Pressure Differential Gauge + Relay

- All Plastic Design - Glass Filled Ryton
- Corrosion Resistant Housing
- NEMA 4X Rugged Enclosure
- Liquid Crystal Display
- Pressure Range 0-225 PSI
- Easy to Program Relay Set-Point
- Psi or Bar
- Small Footprint -Compact-Only 2" Diameter
- Easy to Install
- Eprom Memory -Does Not Required
- Reprogramming if Power Lost
- Low Power Detection Feature
- Actual Pressure Difference Displayed on Screen
- Manual Operation if Required
- Programmable Relay Time Intervals between

Delta-P DIFFERENTIAL



GI GAUGE ISOLATOR



All Plastic Flow Switch

PP -Viton, PVDF -Teflon
 Excellent Chemical Resistance,
 Size Range ½" Process x 1/4" Gauge
 Easy to Install
 -25 To 90° C (-4 to 194° F)
 Excellent Mechanical Properties
 High Pressure Rating (Up To 200 Psi)
 High Wear Resistance
 Heavy Duty Design
 Vacuum Port (Standard)
 Excellent Gauge Protection

CLAMP SADDLES & TEES



LSS + LS Insertion Fittings

Truflo offers to the Flow market the most Complete range in clamp saddles, up to 16"

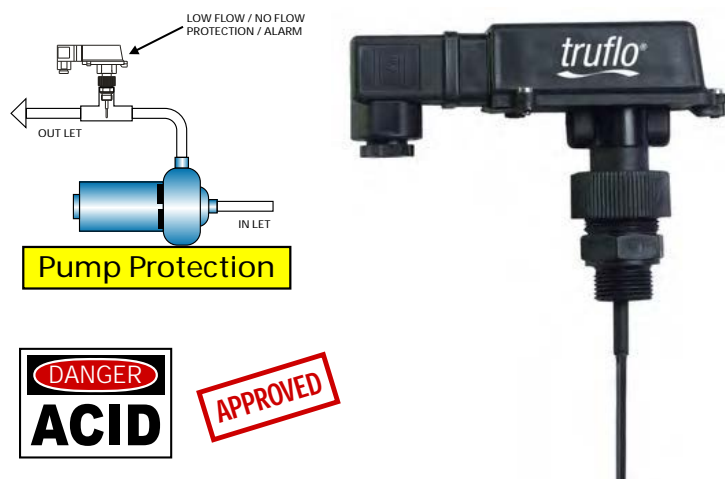
Technical Information

1. Truflo Clamp Saddles can be used with PE, PP, PVDF PVC Pipe
2. The Use of teflon tape is advised.

Materials

1. PPGF - Polypro Glass Filled
2. O-ring
3. 316 SS
4. Reinforced Outlet 316 SS

FES FLOW SWITCH



Heavy Duty PP Plastic Flow Switch

All Plastic Construction
 In-Line Design - Insertion Style
 Nema 4X Enclosure
 Corrosion Resistant PP Body + Paddle
 ½" - 12" Pipe - Tee or Saddle
 Heavy Duty Rugged Design
 Low Pressure Drop
 Easy to Install
 Can be Easily Changed from Normally Open to Normally Closed

All Plastic Flow Switch

RYTON

- Excellent Chemical Resistance,
- Size Range ½" - 16"
- Easy to Install
- Excellent for Low Or High Temperatures
- 25 To 90°C (-4 to 194°F)
- Excellent Mechanical Properties
- High Pressure Rating (Up To 200 Psi)
- High Wear Resistance
- Heavy Duty Design
- No Power Required
- Excellent Pump Protection

Non - Contact Plastic Flow/Level Switch

- Wide Range of Tubing Diameters - 1/4" to 1/2"
- Flow - No Flow- Capacitance Technology
- Non - Intrusive-
- Mounting Bracket Option
- All Plastic Design
- Simple to Install
- Tube Thickness - Heavy Walled 0.062"
- Light Weight
- Very Accurate- Sensitivity Adjustment
- Perfect for Dosing or Metering Pumps

Non - Contact Plastic Flow/Level Switch

- Wide Range of Tubing Diameters - 1/4" to 1/2"
- Flow - No Flow-Photoelectric Technology
- Non - Intrusive-Solid Color Tubing
- Mounting Bracket Option
- All Plastic Design
- Simple to Install
- Tube Thickness - Heavy Walled 0.062"
- Light Weight
- Very Accurate- Sensitivity Adjustment
- Perfect for Dosing or Metering Pumps

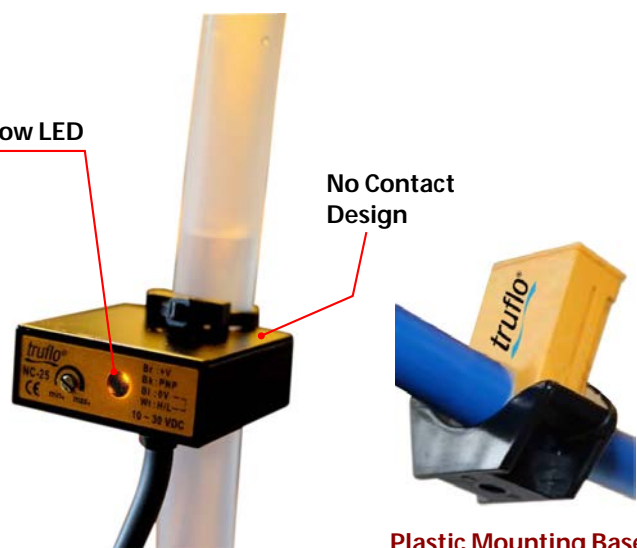
UFS FLOW SWITCH



NC-25 FLOW/LEVEL

Flow -No Flow LED

No Contact Design



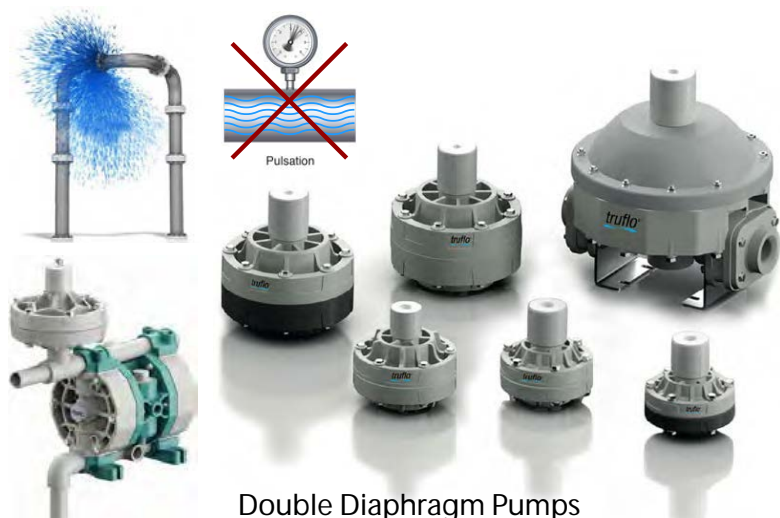
Plastic Mounting Base

NCC-15 FLOW/LEVEL



Plastic Mounting Base

PULSEPRO® SERIES



Double Diaphragm Pumps

Pulsation Dampener + Surge Suppressor

- All Plastic design GFPP, CFPVDF, PTFE
- Easy to install-Plug and Play
- No Pre-Charging Required
- Light Weight
- Corrosion Resistant Inside/Outside
- Long Lasting Heavy Duty Diaphragm
- Self-Adapting Technology-Constantly reacting to hydraulic demands
- Reduce damaging effects of water hammer
- Small footprint
- In Line Design
- Easy to Size-No Preloading Required
- Self-Adapting-up to 90% + Reduction in Pressure Spikes
- Suitable for Viscous Liquids
- Reduces Vibration-Longer Lasting Fittings, Valves, Sensors
- Provides constant output-required for flow meters, pressure gauges, etc

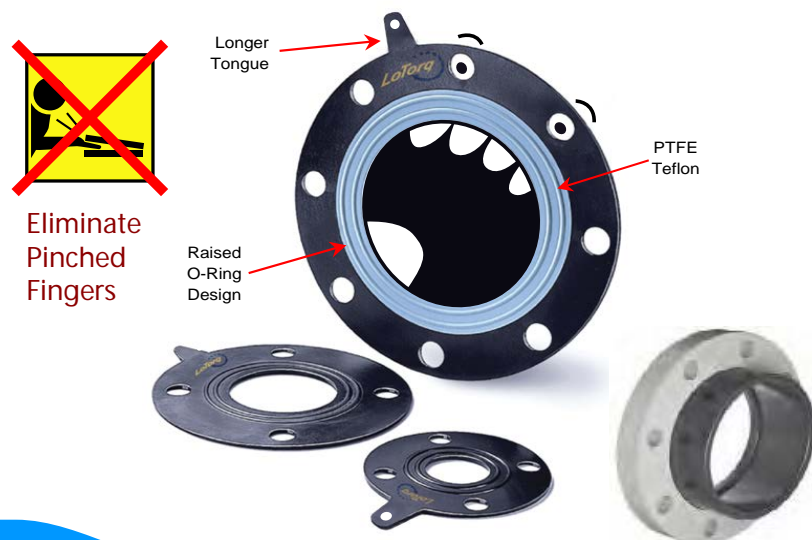
LD LEAK DETECTION



Plastic Leak Detection Flow Switch

- Floor Design
- Capacitive, Fail-Safe Design Perfect for Aggressive Chemicals
- Completely Corrosion Resistant
- Containment Dikes
- Double Wall Tanks
- Leakage Basins -Dosing Skids
- Computer Rooms
- Leaking Pumps

LOTORQ LT GASKETS



ANSI 150 lb Full Face Flange Gaskets

- Industry's Only Full Port Double O-Ring Design for 1/2-12" Sch 40 and Sch 80 PVC, CPVC Piping Systems
- Reduces Pressure Drop
- Less Turbulence = Longer Lasting
- Low Flange Bolt Torques Required for Positive Seal - Due to the Molded Raised Face - Patented double convex Ring Design
- Ideal for Thermoplastic Piping Systems, also Metal or Plastic Lined Metal Pipe Systems for up to 250 psi
- Excellent Chemical Resistance - PTFE-bonded gaskets are Suitable for Extremely Aggressive Chemical Services.
- Longer Gasket Life - Because Lower Flange Pressures are Required for Sealing. PTFE is Energized by EPDM Backing Forming an Excellent Seal.
- Low Torque - Raised O-Ring Design
- Designed to Provide Positive Seal
- No Over-Tightening Required
- Reusable

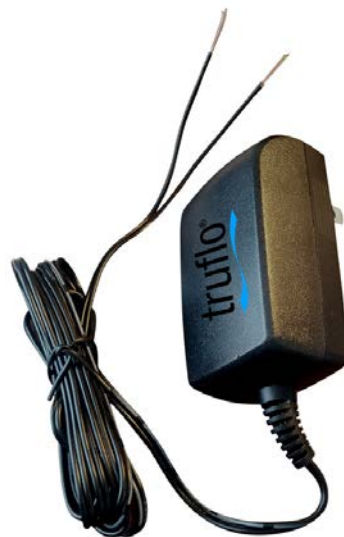
All Plastic Flange Spray Shield

PP Solid 2-Piece construction
 Completely Corrosion Resistant-
 Inside and Out
 Lightweight -Perfect for Plastic
 Piping Systems
 Readily Reusable
 Plug & Play-Not Tools Required
 No Down Time
 Clean Look ...All Yellow in Color
 Resists Chemical Attack
 Quick installation-Under 2 mins
 360 Directional Discharge Port



120V AC - 24V DC Power Supply

Input: 100 - 240 VAC, 50/60 Hz,
 Output: 24 VDC
 Cable: 6 foot cord
 Dielectric isolation (input to output) :
 4 KVDC for 60 seconds
 Operating temperature: 0°C to 40°C at maximum load
 Storage temperature: -20°C to 60°C
 Over voltage and short circuit protected
 No minimum load required
 Double insulated
 Class B EMI
 EISA 2007 and CEC compliant
 Humidity: 5% to 95%, non-condensing



Truly Plug n Play

Dry Media Throtling Valve

High Chemical Resistance

All Plastic Body made of Glass Reinforced polypropylene and Nylon diaphragm provides excellent corrosion resistance to a wide range of materials

No contamination of product

Valve cannot rust - Perfect for corrosive environment

Approved for Food

Materials of construction are food approved

Adjustable Flow Capacity

Orifice diameter is adjustable by rotating control handle. Position lock holds opening in diaphragm.



Hopper Application

DryPro DRY MEDIA



P2R POWER SUPPLY



POWER SUPPLY + TIMER

90-250VAC-24 VDC

Supply 24 VDC Power to

Instrument Sensor

Timer On - Timer Off (5 Sec)

Simple to Install

NPN or PNP Pulse to 5 Amp

Relay Output

Resists Chemical Attack

Small Footprint

Manufacturer warrants that all products sold shall be free from defects in workmanship and material for One year.

Manufacturer does not make any other warranties and expressly disclaims all other warranties, expressed or implied. Without limiting the generality of the foregoing, manufacturer expressly disclaims any warranty of merchantability, and any warranty of suitability or fitness for any particular or intended purpose or use. The sole and exclusive remedy shall be limited to replacement or repair of any such product which has been determined to such a defect in workmanship or material. In no event shall manufacturer be liable to any representative, distributor, customer, ultimate user or any other person or entity for any damages, costs, expenses or liabilities of any kind or nature, including, without limitation, direct damages, indirect damages, consequential damages, labor cost, and any expenses incurred by any distributor, customer, ultimate user or any other person or entity relating to the installation, use, repair or replacement of any product. This product warranty and disclaimer shall apply to all sales of products.



Truflo...Innovative Products that are 'Built Tough' and 'Engineered to Outperform!'



Process Flow & Pressure Instrumentation from Concept to Completion

truflo[®]

Built Industry Tough



Truflo is proud to work with an outstanding network of professional distributors around the world to market our **INDUSTRIAL PLASTIC FLOW + PRESSURE INSTRUMENTATION EQUIPMENT**



for more information visit truflosales.com