PRODUCT CATALOG

Thermoplastic
FLOW + PRESSURE + LEVEL + TEMPERATURE
Process Instrumentation Equipment

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 - www.cabriggs.com

Version 18 for more information visit www.CABriggs.com
Icon Process Controls is a Global Leader of **Corrosion-Free Industrial Instrumentation Equipment**

**truflo**

Flow + Pressure

**Levelpro**

Level + Temperature

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

Our 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.

Icon Process Controls aspires to be your Number One choice for all your **FLOW + PRESSURE + LEVEL + TEMPERATURE** Process Applications. Truflo, and Levelpro... Innovative Products that are ‘Built Tough’ and ‘Engineered to Outperform’!
TKR Rotator Series Flow Meters - Pages 2

**New Features**
- Redesigned Paddle Wheel Assembly
- Higher Accuracy 0.5% F.S vs TK Series 1% of F.S
- Display Rotates Every 90 Degrees—So reading can be changed to reflect Vertical or Horizontal installation
- 6 Ft of M12 Quick Disconnect Cable
- Lifetime Warranty on Paddle Assembly*

Ultraflo 2000 Ultrasonic Flow Meter - Page 5

**Features**
- 2” Size
- Higher Flow Capabilities
- PE Body
- No Moving Parts
- Suitable for Dosing/Metering Flows

OBS-DG4 Series 4 1/2” Plastic Pressure Gauge - Page 11

**Features**
- Extra Large 4.5” Yellow Dial Face
- Standard Pressure Ranges 0-60 | 0-100 | 0-160
- Red Pointer
- 316SS NPT Connection & Internals

GI Series Gauge Guard/Isolator - Page 11

**Features**
- Available in PVC | PPG | PVDF
- FPM or PTFE Teflon® Bonded EPDM
- 1/4” Gauge-1/2” Process Connection

PulsePro PV Series Pulsation Dampeners - Page 18

**Features**
- Pre-Charged - Adjustable
- PVC Body + Union Ends
- OBS Series Premium Gauge Included
- No Metal Parts
- FPM Diaphragm

PulsePro Series Pulsation Dampeners - Page 19

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

* Some Conditions Apply
RF Series Point Level Switch - Page 29

Features
> Suitable for Sticky Coating Media
> PTFE Teflon® Coated
> Relay Outputs - 5A
> Size Ranges 3"-16" 7/16"
> NPT Connections
> Epoxy Coated Housing
> Excellent Chemical Resistance

BRPM Series Back Pressure | Relief Valve - Page 19

Features
> Tubing Sizes 1/4"-3/16" 7/16"
> Teflon® /Bonded EPDM Diaphragm
> PVC Body
> Direct Acting
> 5-150 psi
> Economical

BRP Series Back Pressure BRB3 316 SS Relief Valve - Page 20

Features
> Teflon® /Bonded EPDM Diaphragm
> Available with PVC | CPVC | PP | PVDF | 316 SS
> Direct Acting
> 5-150 psi
> Excellent Chemical Resistance
> True-Union Ends on All Plastic Models
> Easy to Install
> Economical

CalPro Calibration Column - Page 20

Features
> Clear PVC
> Easy to Read Clear Markings
> True-Union Connection -Std Dust Cover
> Ranges 100ml- 10000ml
> Excellent Chemical Resistance
> Economical
> Easy to Install and Remove

ProMix Liquid Static Mixers - Page 20

Features
> PVC - Clear or Solid
> Engineered 'Bow-Knot' Design = Better Mixing
> True-Union Connection (Std) | Flanged
> 1/2"-4" Size Range
> Compact
> Excellent Chemical Resistance
> Economical
> Easy to Install and Remove

MF1000 Magnetic Flow Meter - Page 6

Features
> Size Range 1/2"-12"
> Excellent Chemical Resistance
> Excellent Abrasion Resistance
> ANSI Flange
> Local Display or Remote
> 4-20mA | Frequency Pulse | RS485
> 0.5% Accuracy F.S.
> Full Port
> Heavy Duty Industrial Design
TKB SERIES

Battery Operated Paddle Wheel Flow Meter
- High Accuracy ±0.50% of Full Scale
- Unit of Flow Measurement is Selectable - Liter / Gallon / kl
- Corrosion Resistant Materials - PVC / PP / PVDF / 316SS
- Low Cost Visual Indication
- Easy Installation - No Mounting Kits
- High Flow Range - 0.98ft/s - 32.8ft/s
- No K-Factor Programming Required
- 2 Year Battery Life*
- Large LCD Digital Display
- Non-Resettable Totalizer Option
- Size Range - ½" - 4"
- Low Pressure Drop
- NEMA 4X Enclosure
- Suitable for Corrosive Environments
- Password Protected Security - 2 Levels
- True-Union Design - ½"- 2" / Flanged 3"- 4"

*Limited Life time Warranty on Paddle Assembly

TKS / TKP / TKM SERIES

Paddle Wheel Flow Meter
- High Accuracy ±1.0% of Full Scale
- Selectable Unit of Flow Measurement - Liter / Gallon / kl
- Corrosion Resistant Materials - PVC / PP / PVDF
- Low Cost Visual Indication
- Easy Installation - No Mounting Kits
- High Flow Range - 0.98ft/s - 32.8ft/s
- No K-Factor Programming
- Large Bright LED Digital Display
- Horizontal or Vertical Installation
- Size Range - ½" - 4"
- Low Pressure Drop
- 4-20mA / Pulse / Relay Outputs
- NEMA 4X Enclosure
- Suitable for Corrosive Environments
- Password Protected Security
- True-Union Design - ½"- 2" / Flanged 3"- 4"

*Eco Mode

for more information visit www.CABriggs.com
TK3 316 SS FLOW METER
Paddle Wheel Flow Meter
- High Accuracy Less than ±1.0% of Full Scale
- Selectable Unit of Flow Measurement - Liter / Gallon / kl
- Corrosion Resistant Material - 316SS
- Low Cost Visual Indication
- Easy Installation - No Mounting Kits
- High Flow Range - 0.98ft/s - 32.8ft/s
- No K-Factor Programming
- Large Bright LED Digital Display
- Horizontal / Vertical Installation
- Size Range - ½" - 2 ½"
- Low Pressure Drop
- 4-20 mA + Pulse + 1 Amp Relay
- NEMA 4X Enclosure
- Suitable for Corrosive Environments
- Password Protected Security
- NPT / Sanitary Connections
- M12 Quick Disconnect / Flying Lead

TKW FLOW METER
Paddle Wheel Flow Meter (Blind Display)
- No Programming Required
- SDR11 Butt / NPT
- High Accuracy - ±1.0% of Full Scale
- NPN Pulse + 4-20mA Output
- Corrosion Resistant Materials - PVC / PP / PVDF / 316SS
- Low Cost Visual Indication
- Easy Installation / No Mounting Kits
- Compact Design
- Horizontal / Vertical Installation
- Size Range - ¼" - 2 ½" - PVC / PP / PVDF
- Low Pressure Drop
- NEMA 4X Enclosure
- Suitable for Corrosive Environments
- True-Union Design - ½" - 2" / Flanged 3" - 4"
- Lightweight

WE KNOW FLOW

for more information visit www.CABriggs.com

* Limited Life time Warranty on Paddle Assembly
LSS FLOW METER
Plastic Paddle Wheel Flow Meter

- Large Display Changes from Green to Red when in Alarm State
- Accuracy ±0.75% of Full Scale
- Pipe Size - ½ - 24 Inch
- Flow Rate + Totalizer - Resettable
- Flow Velocity Range / 0.33 to 26 ft/s
- Eprom Memory - Totalizer Value Will Not Be Lost
- NEMA 4X / IP66 Protection
- Bright LED Display Flow Units - Liter / GPM / M3 / Ton
- 4-20mA + Two (7) Amp Relays Output
- Heavy Duty Industrial Design
- Corrosion Resistant All Plastic - PVDF / PP Body
- Zirconium Ceramic Shaft - PFA Teflon® Paddle
- Retrosfits into Signet® Tee / Saddle Fitting

LS FLOW METER
Plastic Paddle Wheel Flow Transmitter

- Industry’s Highest Accuracy ±0.75%
- Excellent Chemical Resistance - PP / PVDF / PFA / Ceramic
- Size Range - ½” - 24”
- Measuring Flow Range / 0.33 ft/s to 26 ft/s
- Excellent for Low or High Temperatures -20 - 90°C / -4 -194°F
- NEMA 4X / IP65 / 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)
- Retrosfits into Signet® Tee / Saddle Fitting
- NPN Frequency Pulse Output

Clamp-On Saddle Fittings - TEE’S
LSS + LS Installation Fittings

Truflo offers 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

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

for more information visit www.CABriggs.com

* Limited Life time Warranty on Paddle Assembly
UltraFlo 1000 SERIES
PFA - All Teflon® Ultrasonic Flow Meter
- Designed for Dosing / Pulsating Flows
- Flared Tubing Connections
- Completely Corrosion Resistant
- Lightweight
- 4-20mA Output + Pulse Relay
- Low Flow Rates - 0.02 LPM / 0.005 GPM
- IP67 Enclosure
- Negligible Pressure Drop
- Empty Pipe Alarm
- Ultra-pure Flow Design
- Air Bubble Alarm Output

UltraFlo 2000 SERIES
PVDF-PE Ultrasonic Flow Meter
- Designed for Dosing / Pulsating Flows
- 2" NPT / G Connections
- Completely Corrosion Resistant
- RS-485 Output
- Lightweight
- 4-20mA Output + Pulse Relay
- Low Flow Rates
- IP67 Enclosure
- Negligible Pressure Drop
- Empty Pipe Alarm

UltraFlo 4000 SERIES
Polysulphone Ultrasonic Flow Meter
- Designed for Dosing / Pulsating Flows
- No Moving Parts
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- RS-485 Output
- Displays Flow Rate + Flow Total
- 4-20mA Output + Pulse Relay
- Low Flow Rates - 0.3 LPM / 0.079 GPM
- IP67 Enclosure
- Negligible Pressure Drop
- Empty Pipe Alarm
- PVC / CPVC True Union Ends (Option)

UltraFlo 5000 SERIES
PVDF-PE Ultrasonic Flow Meter
- Designed for Dosing / Pulsating Flows
- ½" / ¾" / 1" NPT / G Connections
- Completely Corrosion Resistant
- RS-485 Output
- Lightweight
- 4-20mA Output + Pulse Relay
- Low Flow Rates - 0.024 LPM / 0.006 GPM
- IP67 Enclosure
- Negligible Pressure Drop
- Empty Pipe Alarm

Order from: C A Briggs Company; 622 Mary Street; Suite 101 - Warminster, PA 18974
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
ProPulse TURBINE FLOW METER
Designed for Pulsating/Dosing Flow
- 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 / 0.013 GPM
- Pressure Rating - 10 bar / 150 psi
- Compact / Lightweight
- Temperature Rating -40 -120°C / -40 - 248°F
- Barbed Hose Inlet / Outlet Connection
- 5/16 / ½ inch Tube or 3/8” Pipe
- High Accuracy & Repeatability
- NPN Frequency Pulse Output

PM SERIES MAG METER
- Heavy Duty Design - No Moving Parts
- Sizes ½" / ¾" / 1"
- Flow Rates 0.25 to 250 L/min (0.6 - 66 GPM)
- Pulse Output / Calibrated Range
- Stainless Steel 316L Electrodes
- No Programming
- Lightweight / Corrosion Resistant
- High Flow Capacity
- Corrosion Resistant PVDF Body

MF-1000 SERIES MAG METER
- Heavy Duty Design - No Moving Parts Sizes
- ½" - 24"
- 0.5% Accuracy F.S.
- 4-20mA | Pulse | RS485 Output
- excellent Chemical Resistance
- Local or Remote Display
- Easy to Program
- Loop Powered
- High Flow Capacity - Full Port
PRESSURE
Pressure Gauges

**OBS SERIES**
All Plastic Gauge + Isolator

- 2 ½” All Plastic (Gauge + Isolator)
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant / Teflon® Diaphragm
- 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 -2Vu PLASTIC GAUGE**
All Plastic 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 Color Display
- Reduces Pressure Surges caused by Water Hammer or Metering Pump Pulsations
- Highest Accuracy in Industry ±1.5%
- Factory Pre-filled - Glycerin / Silicone (Opt)
- One-Piece Molded Design (No Assembly)
- Suitable for Corrosive Media + Slurries

**BAG (Big Ass Gauge) Series**
Plastic Gauge + Isolator - 3” Size

- Extra Large 3” All Plastic (Gauge + Isolator)
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- ½” MNPT / FNPT / Flanged
- 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 / Silicone (Opt)
- One-Piece Molded Design (No Assembly)
- Suitable for Corrosive Media + Slurries

**OBS-R 360 ROTATOR**
All Plastic Gauge + Isolator

- 360 Degree Full Rotation
- Filled Heavy Duty Design; Simple to Install
- Corrosion Resistant
- Pressure Range Tabs - Red / Yellow / Green
- Extra Large Color Display
- Reduces Pressure Surges caused by Water Hammer / Metering Pump Pulsations
- High Accuracy ±1.5%
- Factory Pre-Filled Glycerin
- One-Piece Molded Design / No Assembly Required
- Suitable for Corrosive Media and Slurries

Order from: C A Briggs Company; 622 Mary Street, Suite 101 - Warminster, PA 18974
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
OBS-A PANEL MOUNT
All Plastic Gauge + Isolator

- psi + kPA Scale
- 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 / Metering Pump Pulsations
- Highest Accuracy in Industry ±1.5%
- Factory Pre-Filled Glycerin / Silicone (Opt)
- One-Piece Molded Design / No Assembly
- Suitable for Corrosive Media + Slurries

OBS-B CENTER MOUNT
All Plastic Gauge + Isolator

- 2 ½” 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 / Metering Pump Pulsations
- Highest Accuracy in Industry ±1.5%
- Factory Pre-Filled Glycerin / Silicone (Opt)
- One-Piece Molded Design / No Assembly
- Suitable for Corrosive Media + Slurries

OBS-LC BATTERY GAUGE
Battery Operated All Plastic 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 LCD Display - Backlight / 5 Sec On
- Reduces Small Pressure Surges caused by Water Hammer / Metering Pump Pulsations
- High Accuracy ±1%
- One-Piece Molded Design / No Assembly
- Suitable for Corrosive Media + Slurries
- No Programming Required
- PTFE Diaphragm Standard
- Replaceable Lithium Battery
- Extra Long Life Battery / 3 Years

Order from: C A Briggs Company; 622 Mary Street; Suite 101 - Warminster, PA 18974
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
OBS-LE SERIES LED DIGITAL
All Plastic Gauge + Isolator LED Display

- 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
- LED Display - Changes from Green to Red when Relay Activated
- Reduces Small Pressure Surges caused by Water Hammer / 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
- M12 Connector + 6 ft of Cable

LED turns from Green to Red when Relays Active

OBS-C CENTER MOUNT
All Plastic Center Mount Gauge + Isolator

- Digital LED Display
- All Plastic Gauge + Isolator / Center Mount
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- Designed to Act as Visual Pressure Alert for Bag / Filter Change-Out
- LED Display Changes from Green to Red when Relay Activated
- Reduces Small Pressure Surges caused by Water Hammer / Metering Pump Pulsations
- High Accuracy ±1%
- One-Piece Molded Design / No Assembly
- Suitable for Corrosive Media + Slurries
- No Programming Required
- PTFE Diaphragm / PP Bodies
- 6 Ft of Cable Included

OBS-P LED GAUGE
All Plastic Center 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
- LED Display Changes from Green to Red when Relay Activated
- Reduces Small Pressure Surges caused by Water Hammer / Metering Pump Pulsations
- High Accuracy ±1%
- One-Piece Molded Design / No Assembly
- Suitable for Corrosive Media + Slurries
- No Programming Required
- PTFE Diaphragm / PP Bodies
- 6 Ft of Cable Included
GI GAUGE ISOLATOR
All Plastic Gauge Guard
- PVC / CPVC / PP / PVDF / Teflon® Diaphragm
- Excellent Chemical Resistance
- Size Range ½" Process / ¼" Gauge
- Easy to Install
- Protects Gauge
- High Pressure Rating / 200 psi
- Heavy Duty Design
- Perfect for Isolating Gauges / Transmitters
- Small Footprint
- Protects against Vibration / Surges

OBS-GO4
Plastic Gauge + Pulsation Isolator
- 4 ½" All Plastic Plastic Gauge
- 1/4" NPT Connection
- FRP Body Corrosion Resistant
- Large Pointer - Designed to Provide clear indication of Pressure
- Extra Large Yellow Color Display
- 0-60 0-100 0-160 psi - Standard Pressure Ranges
- Accuracy ±0.5%
- Factory Pre-filled / Glycerin or Dry Extra-Large Numbers
- Heavy Duty Industrial Design
- 316 SS Internals

OBS-GO PLASTIC GAUGE
All Plastic Gauge - ¼" SST NPT
- 2 ¼" Size
- Suitable for Corrosive Environments
- Heavy Duty Design
- Completely Corrosion Resistant
- Extra Large Color Display
- High Accuracy ±0.75%
- Factory Pre-Filled - Glycerin / Silicone (Opt)
- Visual Pressure Range Tabs
- Simple to Install
- Perfect Mate for GI Series Plastic Isolators

OBS-DGO-PLASTIC GAUGE
Plastic Double Sided Gauge ¼" SST NPT
- Double Sided - Glycerin or Silicone (Opt)
- 2 ¼" Size
- Suitable for Corrosive Environments
- All Plastic PP Body
- Heavy Duty Design
- Completely Corrosion Resistant
- Simple to Install
- Perfect Mate for GI Series Plastic Isolators
- 316 SST NPT Connection
- High Impact Case

Order from: C A Briggs Company; 622 Mary Street; Suite 101 - Warminster, PA 18974
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
Pressure Gauges

OBS-GO-C PLASTIC GAUGE
Gauge - ¼" SST NPT
- Suitable for Corrosive Environments
- Heavy Duty Design
- Completely Corrosion Resistant
- Extra Large Color Display
- High Accuracy ±0.75%
- Factory Pre-Filled - Glycerin / Silicone (Opt)
- Visual Pressure Range Tabs
- Simple to Install
- Perfect Mate for GI Series Plastic Isolators

OBS-V COMPOUND PLASTIC GAUGE
2 ½" Vacuum Gauge -30 + 30 PSI Range
- Compound - Vacuum + Pressure
- Suitable for Corrosive Environments
- All Plastic & Gauge (Filled)
- Heavy Duty Design
- 3 Range Tabs - Red / Yellow / Green
- Extra Large Color Display
- High Accuracy
- Factory Pre-Filled Glycerin
- No Filling Required
- Visual Ranges
- Simple to Install
- Perfect Mate for GI Series Plastic Isolators

OBS-TT ‘TELL-TALE’ PLASTIC GAUGE
All Plastic Gauge - ¼" SST NPT
- Indication of Pressure Surges or Spikes
- Suitable for Corrosive Environments
- Heavy Duty Design
- Completely Corrosion Resistant
- Extra Large Color Display
- High Accuracy ±0.75%
- Visual Pressure Range Tabs
- Simple to Install
- Perfect Mate for Plastic Isolators
- 2 ½" Dial Size

DIFFERENTIAL GAUGE + SWITCH
- All Plastic Design - Glass Filled Ryton
- Corrosion Resistant Housing
- NEMA 4X Rugged Enclosure
- Liquid Crystal Display
- Pressure Range 0 - 225 PSI
- Easy to Program
- Psi / Bar
- Small Footprint - Compact - Only 2”Diameter
- Easy to Install
- 0.5 Amp Relay Set-Point

Order from: C A Briggs Company; 622 Mary Street; Suite 101 - Warminster, PA 18974
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
truflo®
ELIMINATES CORROSION
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”- 8” Pipe / Tee / Saddle
- Heavy Duty Rugged Design
- Low Pressure Drop
- Easy to Install
- Can be Easily Changed from Normally Open / Normally Closed

UFS FLOW SWITCH
All Plastic Flow Switch
- RYTON® Body
- 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

LD LEAK DETECTION
Plastic Leak Detection Switch
- Floor Design
- Capacitive Fail-Safe Operation
- Perfect for Aggressive Chemicals
- Completely Corrosion Resistant
- Containment Dikes
- Double Wall Tanks
- Leakage Basins / Dosing Skids
- Computer Rooms
- Leaking Pumps

Order from: C A Briggs Company; 622 Mary Street; Suite 101 - Warminster, PA 18974
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
NC-25 / NC-15 FLOW / LEVEL
Non-Contact Plastic Flow / Level Switch

- Wide Range of Tubing Diameters - ¼" - ½"
- Non-Intrusive
- All Plastic Design
- Simple to Install
- Tube Thickness / Heavy Walled 0.062"
- Lightweight
- Very Accurate / Sensitivity Adjustment
- Perfect for Dosing or Metering Pumps
- Air / Lock / Out-Gassing Notification
- Photo or Capacitive Technology

LOTORQ LT GASKETS
ANSI 150 lb Full Face Flange Gaskets

- Industry’s Only Full Port Double O-Ring Design for ¼" - 12" Sch 40 / Sch 80 PVC / CPVC Piping Systems
- Low Flange Bolt Torques Required for Positive Seal - Due to the Molded Raised Face - Patented double convex Ring Design
- Ideal for Thermoplastic Piping Systems / Metal / 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 / 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

LFS PP SPRAY SHIELDS
All Plastic Flange Spray Shield

- PP Solid Construction 1/2" - 12"
- Completely Corrosion Resistant - Inside / Outside
- Lightweight / Perfect for Plastic Piping Systems
- Readily Reusable
- Plug & Play / No Tools Required
- No Down Time
- Resists Chemical Attack
- Quick Installation / Under 2 min
- 360 Directional Discharge Port -1/2" - 3"

Order from: C A Briggs Company; 622 Mary Street; Suite 101 - Warminster, PA 18974
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
BULK CHEMICAL DISTRIBUTION

Sentinel 24-7 Telemetry

ProAlert 1000 Alarm

LDS-R Leak Detection

TK Series Flow Meter

Bulk Storage

Chemicals

LSS Flow Meter

LFS Spray Shield

LP 100 Level Transmitter

CHEMICAL FEED

ProScan Series Radar Level Transmitter

TPP Temperature Transmitter

Potable Water
Typical Dosing System Schematic

PULSEPRO® SERIES
Pulsation Dampener + Surge Suppressor
- All Plastic design GFPP / CFPVDF / PTFE
- Easy to Install
- No Pre-Charging Required
- Lightweight
- Corrosion Resistant Inside / Outside
- Long Lasting Heavy Duty Diaphragm
- Self-Adapting Technology / Constantly reacting to hydraulic demands

PULSEPRO PV® SERIES
Pulsation Dampener + Surge Suppressor
- Ranges 21-122 cu in
- FPM® Diaphragm
- PVC Body
- Direct Acting
- Pre-Charged- Field Adjustable
- Reduces Pulsations by > +95%
- Excellent Chemical Resistance
- Lightweight
- True-Union Connection Premium
- OBS Series Gauges
- Heavy Duty Design

Order from: C A Briggs Company; 622 Mary Street; Suite 101 - Warminster, PA 18974
Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
Pulsation Dampeners

**PulsePro® PF Series Pulsation Dampener**
- Glass Filled PP / PVDF Direct Acting
- Pre-Charged-Adjustable
- Reduces Pulsations by > +95%
- Excellent Chemical Resistance
- Lightweight
- Easy to Install
- NPT Connection
- Premium OBS Series Liquid Gauges with Range Markers

**PulsePro® SS Series Pulsation Dampener**
- FPM® Diaphragm
- 316 SS Body- FPM Diaphragm
- Direct Acting Charged-Adjustable
- Reduces Pulsations by > +95%
- Excellent Chemical Resistance
- Premium OBS Series Gauge
- Easy to Install
- NPT Connection

**BRPM Series Back/Pressure Relief Valve**
- Teflon® Bonded EPDM Diaphragm
- PVC Body
- Direct Acting
- 5-150 psi
- Excellent Chemical Resistance
- Lightweight
- Easy to Install
- Economical

**BRP Series Back/Pressure Relief Valve**
- PTFE Teflon®/EPDM Bonded Diaphragm
- Glass Filled PP Bonnet
- PVC | CPVC | PP | PVDF Bodies
- Adjustable
- 5-150 psi Range
- True Union Design
- Excellent Chemical Resistance
- Socket or NPT Connections

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Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
BRP Series 316 SS Back/Pressure Relief Valve
- Teflon® Bonded EPDM Diaphragm
- Glass Filled PP Bonnet
- Direct Acting
- Adjustable 5-150 psi or 10-235 psi Range
- Superior Reliability
- Excellent Chemical Resistance
- Heavy Duty Design
- Easy to Install

CalPro® Calibration Column
- Clear PVC
- Easy to Read Clear Markings
- True-Union Connection
- Std Dust Cover
- Ranges 100ml - 10000ml
- Excellent Chemical Resistance
- Easy to Install and Remove

ProMix® PVC Static Liquid Mixers
POWER SUPPLY SWITCH + TIMER
- Clear or Solid PVC Tube
- True-Union Design for Easy Installation and Removal
- New Engineered 'Bow-Knot' for Better Mixing
- Large Size Range 1/2"-4"
- Excellent Chemical Resistance
- Small Footprint
- Economical

P2R POWER SUPPLY
POWER SUPPLY SWITCH + TIMER
- Converts 90-250 VAC to 24 VDC
- Supply 24 VDC Power to Instrument or Sensor
- Timer On - Timer Off (5 Sec)
- Simple to Install
- NPN / PNP Pulse Input to 5 Amp Output
- Relay Output
- Resists Chemical Attack
- Small Footprint
There is a Better Way!
FOAM + VAPOR + TURBULENCE
No Problem !!!

DANGER
ACID

BETTER FEATURES
BETTER PRODUCTS

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Phone: 267-673-8117 - Fax: 267-673-6118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
100 SERIES
HEAVY DUTY INDUSTRIAL
LEVEL TRANSMITTER
- PVC / PP / PVDF / 316 SS Body
- Kalrez® O-rings
- Molded Integral Weight-No Floating
- High Accuracy
- Flush Sensor / Non-Clogging Design
- Heavy Duty PTFE TEFLON® Cable
- Excellent for Foam / Vapor / Condensate
- Ceramic Sensing Diaphragm
- Heavy Duty Rugged Design
- No Moving Parts
- Automatic Temperature Compensation

LP 200 SERIES
PLASTIC IN-LINE
PRESSURE TRANSMITTER
- PP / PVDF / Ceramic Sensor
- Excellent Chemical Resistance
- Level Pressure Indication
- 0-225 psi / Other Ranges Available
- Output / 4-20mA
- NPT / G Type Connection
- Ceramic Sensing Diaphragm High
- Accuracy 0.5%
- LED DISPLAY / Relay Output (Opt)
- Temperature Compensated
- Process / Tank Level Measurement

TankPro® SERIES
Pressure Level Transmitter
- Submersible Level Sensor + Display
- PVC / PP / PVDF Sensor + PTFE Coated
- Cable Back-lit LCD Display
- NEMA 4X Epoxy Coated Housing
- 0.5% Accuracy
- Heavy Duty Design
- Chemical Storage / Chemical Sumps
- Suitable for Vapor / Foam / Turbulence
- One Relay + 4-20mA Output
- Plastic 2” NPT Connection

MLR-70 SERIES
Guided Wave Radar Level Transmitter
- Suited to continuous level measurement of various
  liquids / bulk solids / thick viscous materials
- Quickly view measured values on the display
- Universal use, direct mounting into
  hoppers/ silos / tanks / sumps
- Stainless Steel Teflon® Coated Electrode
- Measuring range up to 40m
- Current output (4-20 mA) / HART® Protocol
SENTINEL® SERIES
TELEMETRY TANK LEVEL MONITORING
- Battery Operated / No Programming
- Remote Monitoring through Cellular Networks
- E-mail Reporting / Alarms / Text / E-mail
- 24/7 access to data through Cloud Based Sentinel 247™ Online
- Battery powered up to 3 years (3 calls/day)
- Low Monthly Cost
- Powerful Long Range Antenna / Perfect For Remote Locations
- Access Data Via PC / Laptop / Smart-phone / Tablet
- Secure Cloud Data / Password Protected
- No Hidden Costs
- Standard Batteries
- Can be Mounted Directly to Top of Tank - 2” NPT
- Eliminate Costly Emergency Fills or Pump-Outs

PROSCAN® SERIES
RADAR LEVEL TRANSMITTER
- All Plastic PTFE Teflon® Design
- Small Dead Band 12”
- PP / PTFE Antenna (Horn) / Low Profile
- Simple Programming
- Suitable for Foam / Vapor
- Excellent Chemical Resistance
- Fail Safe Diagnostics
- Simple Configuration
- Push Button
- IP67 Housing
- Epoxy Coated Enclosure
- Visual Display Window

ULTRAPRO® 1000 SERIES
ULTRASONIC TRANSMITTER (RELIABLE NON CONTACT CONTINUOUS LIQUID LEVEL)
- Local Visual Display Indication
- Entirely Corrosion Resistant
- PVDF Transducer
- Push Button Programming
- Narrow Beam Technology
- Small Deadband (maximizes filling capacity of the tank)
- Cost Effective
- General Purpose / XP Explosion Proof
- 2 Wire (4-20mA) + (HART) Output Signal
- Measuring Range / -4“ - 66 Ft
- Accuracy 0.2 % of set measuring range
- Temperature Compensated / -40 C -70 C / (-40 F -176 F)
- NPT / G / Flanged Connection
- Calibration without filling / discharging

ULTRAPRO® 500 SERIES
ULTRASONIC TRANSMITTER (RELIABLE NON CONTACT CONTINUOUS LIQUID LEVEL)
- All Plastic Enclosure - NEMA 4X
- Entirely Corrosion Resistant
- PVDF Transducer
- Push Button Programming
- Narrow Beam Technology
- Small Deadband (maximizes filling capacity of the tank)
- Cost Effective
- General Purpose / XP Explosion Proof
- 2 Wire (4-20mA) + (HART) Output Signal
- Measuring Range - 4“ - 66 Ft
- Accuracy 0.2 % of set measuring range
- Temperature Compensated -40 C -70 C / (-40 F -176 F)
- NPT / G / Flange Connection
- Point Level Calibration

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Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
**MLD-35 SERIES**
Capacitance Continuous Level Sensor
- Continuous level measurement of liquids or bulk solids up to 10 feet
- 4-20mA Loop Powered
- Simple Programming
- Excellent Chemical Resistance
- Optical indication of function and status of level reading via two LED lights located on housing
- Teflon® Encapsulated Electrode / Excellent Choice for Coating Type Applications

**CFL SERIES**
Continuous Level Float Measurement
- PP / PVC / PVDF / 316 Wetted Materials
- Tank Measurement up to 10 ft
- Excellent Chemical Resistance
- Easy Installation
- Two-wire 4-20mA Output
- Epoxy Coated Aluminum Alloy Junction Box
- Suitable for Clean / Non Sticky Liquids
- 2" NPT Connection
- Suitable for Corrosive Acids / Bases

**TVL SERIES**
Liquid Level Display
- All in One - Controller
- NEMA 4X Enclosure + Cord Grips
- Input: 4-20mA
- 5A Relay Output + 4-20mA / 2 Relay Outputs
- Power Supply Output: 24V DC
- RS-485 / Modbus RTU Standard
- Signal Peak Value Detection
- 3 Wire Cord Grips Included
- 4 or 6 LED Digits
- Completely Corrosion Resistant
- 8 Levels of LED Brightness

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Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
TVU Series
UNIVERSAL MULTI-COLOR DISPLAY
- Universal Inputs - Current / Pulse / Voltage
- 2 or 4 Relay Outputs / 5 Amp
- Power Supply Output 24V DC
- 4-20mA + RS-485 / Modbus RTU Standard
- LED Display Color to mirror process Conditions
- 4-20mA Output + Relay Output
- Cord Grips Included
- NEMA 4X Enclosure Included
- Completely Corrosion Resistant
- Eliminates the Need for Stack-Lights

TVF SERIES
FLOW DISPLAY + TOTALIZER + BATCHER
- Flow Rate / Batcher / Totalizer
- 2 Relay Outputs / 5 Amp
- Power Supply Output 24V DC
- RS-485 / Modbus RTU Standard
- Display of Instantaneous Flow Rate and the Total Flow Value
- Batching and Counting of Doses
- 4-20mA Output + Relay Output
- 3 Cord Grips Included
- NEMA 4X Enclosure Included
- Completely Corrosion Resistant

450 SERIES
INDUSTRIAL LEVEL CONTROLLER
- Large Bright LED Display
- Adjustable Display Brightness
- 4-20mA + 1 Relay or 2 Relay Outputs / 5 Amp
- Acoustic Signal (Beep)
- Input Signal 4-20mA
- 4-digit LED Display
- Sensor Power Supply 24 VDC Output
- Communication Interface RS-485 (Modbus RTU)
- 4 Configurable Relays / (5 Amp)
- Standard Dimensions for Retrofit Applications

ENC SERIES
INDUSTRIAL NEMA 4X ENCLOSURE
- NEMA 4X Enclosure
- Suitable for Standard Displays
- Lock-Out Feature
- Heavy Duty Design
- Wall Mounting Holes
- All Plastic Design

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Phone: 267-673-8117 - Fax: 267-673-8118; E-Mail: Sales@cabriggs.com - www.cabriggs.com
RIS SERIES REMOTE
UNIVERSAL REMOTE CONTROLLER

- Range 20 Feet
- All Plastic Heavy Duty Design
- Program Displays Remotely
- NEMA 4X Enclosure Display
- Alarm Output
- Peak Values Detection
- No Programming Required
- Simple Push Button Design

InfraRed remote controllers may be used as external programming keyboard for all Levelpro devices equipped with IR receivers and remote programming functions.

250 SERIES
INDUSTRIAL LEVEL DISPLAY

- 4-20mA Universal Loop-Powered
- NEMA 4X Enclosure Display
- Alarm Output
- Peak Values Detection
- No Extra Power Supply Required
- Optional IR Remote Controller

SensPro® SERIES
UNIVERSAL 2 CHANNEL DISPLAY

- Large Bright LCD Display
- 2 Separate Displays
- 4-20mA + 1 Relay or 2 Relay Outputs / 5Amp
- Cord Grips Included
- Universal Input Signals
- 4-digit Display
- Sensor Power Supply 24 VDC Output
- Communication Interface RS-485 (Modbus RTU)
- Configurable Relays
- NEMA 4X Enclosure

4000 SERIES
DISPLAY + CONTROLLER + DATA LOGGER

- Universal Multi-channel Indicator
- Graphic Display
- Up to 4 Universal Inputs
- 2 Electronic Relay Outputs
- 24VDC Power Supply Output: 24V DC / 200 mA
- NEMA 4X Enclosure
- RS-485 / Modbus RTU Standard
- Temperature / Flow / Humidity / Pressure / PH / Redox / Level / Current
- Viewing the Trends in each of the 4 Measuring Channels
- Any Text Description Possible: Name and Units
- Data transfer to the Master System via RS-485

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**650 SERIES**
DISPLAY + CONTROLLER + DATA LOGGER
- Universal Multi-channel Indicator
- Graphic Display
- Up to 8 Universal Inputs
- 2 Electronic Relay Outputs
- 24VDC Power Supply Output: 24V DC / 200mA
- Will Power All 8 Channels
- RS-485 / Modbus RTU Standard
- Temperature / Flow / Humidity / Pressure / PH / Redox / Level / Current
- Viewing the Trends in each of the 8 Measuring Channels
- Any Text Description Possible: Name and Units
- Data transfer to the Master System via RS-485
- Password Protected

**7200 SERIES**
DISPLAY + CONTROLLER + DATA LOGGER
- Universal Multi-channel Indicator
- Graphic Display
- Up to 48 Universal Inputs
- 24VDC Power Supply Output: 24V DC / 200mA
- Will Power 8 Channels
- RS-485 / Modbus RTU Standard
- Temperature / Flow / Humidity / Pressure / PH / Redox / Level / Current
- Viewing the Trends in each of the 48 Measuring Channels
- Any Text Description Possible: Name and Units
- Data transfer to the Master System via RS-485
- Password Protected

**8000 SERIES**
DISPLAY + CONTROLLER + DATA LOGGER
- Universal Multi-channel Indicator
- Graphic Display
- Up to 72 Universal Inputs
- 24VDC Power Supply Output: 24V DC / 200mA
- Will Power 8 Channels
- RS-485 / Modbus RTU Standard
- Temperature / Flow / Humidity / Pressure / PH / Redox / Level / Current
- Viewing the Trends in each of the 72 Measuring Channels
- Any Text Description Possible: Name and Units
- Data transfer to the Master System via RS-485
- Password Protected
Level Switches - Alarms - Leak Detection

PROSWITCH CSS SERIES
HIGH LEVEL SENSOR ALL PLASTIC
- Capacitive Sensing / No Moving Parts
- Perfect for Aggressive and Conductive Liquids
- Built in Auto Diagnostic System / LED Display Status
- All Plastic Design / Excellent Chemical Resistance
- Adjustable Liquid Immersion Depth

ProAlert® 1000 SERIES
AUDIBLE SENTRY ALARM SYSTEM
- High Intensity Red Alarm Light
- 90 dB Audible Alarm with External Test / Silence / Normal Positions
- Rugged NEMA 4X Industrial Design Enclosure
- Latching Lockable Cover / No Screws Required
- UL Listed Enclosure (CSA) Certified
- High Impact All Plastic Polycarbonate Shell
- Small Foot Print / Compact Design
- Excellent Chemical Resistance
- Includes 6’ Power Cord + Seal-Tight Cord Connector
- High/Low Level Sensing for Tanks / Sumps
- Bag / Filter Change out
- Leak Detection Notification
- Flow / No Flow Sensors / Pump Protection
- Upset Condition Notification

PLS SERIES
LEVEL SWITCHES
- Heavy Duty Design
- Economical
- Easy to Install
- High or Low level Indication
- All Plastic Design
- Corrosion Resistant
- PP / PVDF Body Materials
- Horizontal or Vertical Design

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**LP30 SERIES**
Vertical Level Level / Leak Detection Switch
- Suitable for Corrosive Environments
- PP / PVDF All Plastic Body
- Slosh Shield / Eliminates Relay Chatter
- Heavy Duty Design / No Power Required
- Suitable for Clean Chemicals
- N/O / N/C SPST Relay Output

**LP 100 SERIES**
TANK LEVEL INSTALLTION FITTING
- All Plastic NEMA 4X Enclosure.
- Polyethylene Connection
- Light Weight GRP / Glass Reinforced Polycarbonate / High Impact
- Excellent Chemical Resistance
- Weather Resistant / Tethered Lid
- Gortex® Breather / Atmospheric Pressure Reference
- Tapered Designed Lid / Eliminates Liquid Accumulation
- 2” Threaded Connection
- Nylon / PVDF Cable Grips

**RH 100 SERIES Junction Box**
- Junction Box / Aluminum - Epoxy Coated
- Dual Cord Grips or One Cord Grip + 1 Gortex® Breather
- 1” or 2” PVC Tank Connection
- Nylon / PVDF Sensor Cable Grip
- Fixed Clamshell Type Lid
- Heavy Duty Design

**RF SERIES**
RADIO FREQUENCY POINT LEVEL SWITCH
- Suitable for Sticky or Coating Media
  - 316SS | PTFE Teflon Probe
  - Size Range - 3”-16 ft.
  - Can be Used with Solids | Powders
  - Heavy Duty Design
  - Relay Outputs - 5A | 3A
  - Epoxy Coated Junction Box

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LDS - YN SERIES
LEAK DETECTION PROXIMITY SWITCH
- Suitable for Corrosive Environments
- High Stability with Thermal Compensation
- PP All Plastic Body
- Non-Contact Technology
- Mounting Bracket Included
- LED Notification

LDS-R SERIES
LEAK DETECTION SENSOR
- Floor Design
- Capacitive Fail-Safe Operation
- Perfect for Aggressive and Electrically Conductive Corrosive Chemicals
- Containment Dikes
- Double Wall Tanks
- Leakage Basin
- Computer Rooms

PLF SERIES
LIQUID LEVEL PLASTIC FLOAT ASSEMBLY
- Lengths - 6" - 72" Range
- Up to 8 Relay Contacts
- Flange / NPT Connection
- Available in PVC / PP / PVDF / 316 SS
- Materials No Power Required

NC30 SERIES
Non Contact Liquid LEVEL / FLOW SWITCH
- All Plastic PP Design
- Non-intrusive Liquid level detection through plastic or fiberglass walls
- Small Footprint / Easy to Install
- Simple Relay Setting
- M12 Disconnect or Fixed Cable Connector
- Measure up to 2" Pipe Diameter - Sch 80 / SDR 11
  Senses up to 0.3" / 8mm Wall Thickness
FLOATPRO® SERIES
Ball Float Valve
- Suitable for Corrosive Environments
- PP All Plastic Body
- ½” / 1” / 1½” Size Range
- 5 Mounting Positions
- Easy to Install
- Low Cost Tank Monitoring / Filling

LP20 SERIES
Leak Detection Switch
- Suitable for Corrosive Environments
- High Stability with Thermal Compensation
- PP All Plastic Body
- Non-Contact Technology
- Mounting Bracket Included
- LED Notification

TFS SERIES
TUNING FORK LEVEL SWITCH
- Corrosion Resistant PTFE Teflon® Coated SS
- 3/4 NPT / G Connection
- SPST / DPDT / NPN / PNP Relay Output
- No Programming Required
- Suitable for Dense Foam / Viscous Liquids
- Excellent Chemical Resistance
- Fail Safe Diagnostics
- Simple to Install
- Heavy Duty Design
- IP67 Housing / Epoxy Coated Enclosure
- Excellent Choice for Coating Liquids
- Loop Powered
- General Purpose

TPP SERIES PLASTIC
TEMPERATURE PROBE
- Corrosion Resistant PTFE / PFA Teflon®
- Easy to Install
- NEMA 4X Plastic Enclosure
- 0-212F / 0-100C Standard - Other Ranges Available
- ½” NPT / G Connection
- LED Display / Relay Output (Optional)
- Heavy Duty Design
- 4-20mA Output
- Standard Probe Lengths 4 / 6 / 8 inch
- Accuracy ±0.5%
- Heavy Duty Design
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If you would like to correspond with an Application Engineer, please contact Technical Support or contact us by phone, Monday through Friday, 8:00 AM to 5:00 PM EST at 905 469 9283 or sales@iconprocon.com
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FLOW + PRESSURE + LEVEL + TEMP

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