

APG



®

Automation Products Group, Inc.

2019 PRODUCT CATALOG

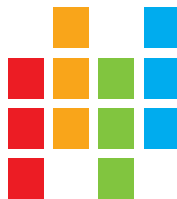


ABOUT APG

At APG, we are dedicated to designing and manufacturing innovative level and pressure sensors to match the application needs of our customers. As part of our dedication to meet your application needs, in 2019 we are releasing two new product lines, Vertical Stainless Steel Float Switches and Side Mount Stainless Steel Float Switches, and intrinsically safe models of two longtime products, the MND IS and MPX IS.

APG has specialized in matching application needs with the right sensing technologies since the early 70's. Our sensors are used in applications across a variety of industries including:

- Water / Wastewater
- Food / Beverage
- Chemical / Petrochemical
- Mining / Minerals
- Medical / Pharmacy
- Aerospace / Military
- Oil / Gas
- Car Wash
- Agriculture



Our primary goal at APG is to provide reliable products and solutions to our customers that are backed by exceptional customer service. As part of our customer service efforts, we added an online store at store.apgsensors.com. Now you can quickly check prices, place orders, and view stock all while connected to your current customer account.

Automation Products Group, Inc. (APG) is an ISO 9001:2015 certified manufacturer. With very few exceptions, APG manufactures its sensors from start to finish at our facilities in Logan, UT.





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LEVEL SWITCHES

APG's level switches are contact level sensors used for point level measurement of liquids and fluidized solids. Point level sensors are used simply for level indication and are generally used to control pumps and alarms when a specific level must be maintained.

LIQUID LEVEL SOLUTIONS

- Float Switches
- Stem Mounted Float Switches
- Cable Float Switches
- Pneumatic Level Switch

SOLID LEVEL SOLUTIONS

- Paddle Wheel Switch
- Vibrating Level Switch

COMMON APPLICATIONS

- Pump Control
- Alarm Configuration
- Tank Level
- Solids Processing/Handling
- Water and Wastewater
- Food and Beverage
- Agriculture

FLOAT SWITCHES

HOW THEY WORK

Float switches work much like a standard light switch, they open and close contacts to control whether or not signal current can pass through to tell level.

COMING SOON

Side Mount Float Switches

FS-500 Series



Stainless Steel Float Switches

FS-400

Vertical Stainless Steel Float Switch

All stainless steel wetted materials, operating temperatures up to 500° F, and a switch for VDC and VAC operation.



NEW!

FS-410

Miniature Vertical Float Switch

Designed to measure small spaces the FS-410 is less than 2.35 inches in total length and the float is just under 1.2" wide.



NEW!

	FS-400	FS-410
Material	316L SS	
Max Power	100 W	
Temp. Range	up to 500° F	
Specific Gravity	0.6	0.7



Cable Suspended Float Switches

KA

Single Float Switch with up to 4 Levels

A single Kari float allows up to four switch points in a single float, saving you money by replacing four single-level float switches. The sensors are durable, highly chemical compatible and come in 25 configurations, most with built-in hysteresis.



Stem Mounted Float Switches

FL

Custom Point Level Control

The FL series multi-point level switch has up to seven switch points custom configured along a single mount for linear level measurement in tight spaces.



FLX

Explosion Proof Point Level Control

The FLX is the float switch for use in hazardous locations considered Class 1 Division 1 or 2 areas by CSA for North America. Place up to seven NO/NC switch points wherever needed along the stem customized to your application.



FT-100/300

Single Point Float Switch

This inexpensive, traditional single point switch is ideal for simple alarming applications. The sensors trigger immediately above or below horizontal, for a highly repeatable performance that you can count on.



TLS

Dual Point Float Switch with Hysteresis

The TLS series cable switches are dual point switches with built in hysteresis to provide high and low level control that won't wear out your pumps with frequent on/off cycles.



	FL	FLX
Max. Stem Length	24" or 153"	153"
Switch Point	up to 7 NO/NC, custom configuration	
Wetted Material	304 SS, 316L SS, Buna	
Certification	General Purpose, Explosion Proof CSA C1D1	

	KA Series	FT-100	FT-300	TLS
Cable Length	5 m, 15 m, custom	6 m, custom 5 ft increments		6 m, 12 m, 18 m
Switch Point	up to 4 NO/NC	1 NO/NC, 1 SPTD	1 NO/NC	NO/NC
Control Range	—	±1.5"	±4"	6"-8"
Certification	CE; CSA General Purpose	General Purpose		—

LF

Miniature Float Switches

These small float switches offer multiple form factors and functionalities to fit wherever needed inside a system.

Their compact size is perfect for a variety of OEM applications.



	LF
Switch Point	1 NO/NC
Wiring	2 conductor lead wire
Materials	Polypropylene, Buna, PVDF, 316L SS, 3014 SS, 6-Nylon
Max. Operating Temperature	Varies per model from 175 to 392° F

MLS

Mechanical Float Switch

Tailor this float switch to your needs in the field with adjustable switch point and hysteresis.



	MLS
Switch Point	1 NO/NC Adjustable Switch Point, Adjustable Mechanical Hysteresis
Min. Specific Gravity	0.85
Operating Temperature	32 to 176° F
Enclosure Protection	IP42, NEMA 1





LEVEL SWITCHES

NLS

Pneumatic Level Switch

Viscous and sticky liquids can stop a float switch in its tracks. With few moving parts, only a flexing diaphragm, the NLS pneumatic point level sensor lasts long and is very reliable.



	NLS
Operation	1 SPDT Switch
Detection Range	8 to 200 in.
Operating Temperature	-4 - 158° F
Enclosure Protection	IP42/NEMA 4

PWS

Mini Level Paddle Wheel Switch

The PWS rotating paddle wheel level switch is appropriate for small bins and hoppers with a compact size that fits in tight corners.



	PWS
Operation	1 SPDT Switch
Detection Range	8 to 200 in.
Adjustable Torque Setting	390 to 630 g/cm
Enclosure Protection	IP40

VBL

Vibrating Rod Level Switch

The VBL allows you to adjust the sensitivity setting to accurately detect the presence of different types of solids, and for silos and bins of many shapes and sizes.



	VBL
Operation	1 SPDT switch
Power Consumption	≤ 15 VA
Sensitivity Adjustments	High- small particles, Low- large particles
Enclosure Protection	IP65, NEMA 4



LEVEL TRANSMITTERS

APG offers both contact and non-contact level transmitters that provide continuous level measurements. APG manufactures level transmitters that can be used to determine the level of both liquids and bulk solids at any given time. Many of the level transmitters can additionally be used for point level detection.

LIQUID LEVEL SOLUTIONS

- Ultrasonic Level Sensors
- Magnetostrictive Liquid Level Probes
- Resistive Liquid Level Sensors
- Radar Level Transmitters
- Submersible Pressure Transducers

SOLID LEVEL SOLUTIONS

- Radar Level Transmitters

OBJECT DETECTION

- Ultrasonic Level Sensors

COMMON APPLICATIONS

Tank Level	Car wash
Open Channel Flow	Oil and Gas
Water and Wastewater	Pharmaceutical
Food and Beverage	Liquid Interface
Agriculture	Leachate Tanks
Minerals and Mining	Lift Stations
Chemical / Petrochemical	Mud Tanks
Solids Processing / Handling	

ULTRASONIC LEVEL SENSORS

HOW THEY WORK

Ultrasonic sensors measure distance by sending sound waves above 20 Hz that echo off of a target and return to the transmitter. The time it takes the sound burst to return to the sensor is measured and translated into a distance measurement that can be converted into a level indication, volume measurement, or rate of flow by the sensor's microprocessor.

MNU IS

Intrinsically Safe Modbus Sensor

With the mounting and range flexibility of the MNU, the MNU IS brings worry-free level monitoring and remote Modbus controls to hazardous locations.

NEW!



MNU

Web Enabled Modbus Sensor

Built for any situation that requires Modbus, the MNU is compatible with any Modbus controller, and can be monitored online via Tank Cloud.



LOE

Web Enabled Sensor and Controller

Designed for remote measurement, the LOE series connects to the internet to provide online monitoring via Tank Cloud for up to 10 APG Modbus sensors.



	MNU	MNU IS	LOE
Range	4 in to 40 ft		
Output	Modbus RS-485		Modbus TCP/IP
Mount	1, 2 or 3 in NPT	2 in NPT	2 or 3 in NPT
Certification	—	Intrinsically Safe CSA C1D1, IECEx, ATEX	CSA C1D2

LPU-2127

Built-in Keypad & Display

The LPU-2127 features a built in keypad and LCD display for easy programming that can be done entirely through the keypad.



LPU-2428

Intrinsically Safe, Loop-powered

Made for highly configurable measurement in linear and non-linear tanks and channels, the LPU-2428 can internally calculate distance, level, flow, and volume.



IRU-2000

For Object Detection

The IRU-2000 mounts to a flat surface and is ideal for presence/absence detection, object profiling and a variety of other applications.



IRU-2420, -3400, -5000

Short, Mid, and Long Range Sensors

Designed with flexibility in mind, these series feature auto-sense software for quick, easy programming in a variety of applications.



IRU-6429

Datalogger Compatible

The IRU-6429 features auto-sense software for quick and easy programming, and an excitation for datalogging.



IRU-9400

For Soft or Reflective Target Surfaces

The IRU-9400 is an indoor sensor with a more sensitive transducer to detect difficult targets such as reflective and soft surfaces.



LPU-2127	LPU-2428	IRU-6429	IRU-2000	IRU-9400	IRU-2420	IRU-3400	IRU-5000
1 to 25 ft.		1 to 30 ft		1 to 25 ft		1.5 to 50 ft	4 to 79 in
4-20 mA		0-2.5 V, 0-5V	4-20 mA, RS-485, 2 Trip Points, Solid State Relays	4-20 mA, 2 Trip Points	Isolated 4-20 mA, 4-20mA with 2 NPN Trip Points		0-2.5 V, 0-5 V, 4-20 mA
2 in NPT			Surface (4 screws)	2 in NPT		3 in NPT	1 or 2 in NPT
CSA C1D2	Intrinsically Safe CSA C1D1	CSA General Purpose			CSA C1D2, CSA General Purpose		

CONTINUOUS FLOAT LEVEL PROBES

HOW THE MPX WORKS

The MPX Magnetostrictive Liquid Level Probes send electrical pulses that align the molecules to a magnetic field down a metal waveguide in the stem. The magnet in the floats create a competing magnetic field that sends a strain pulse back to the sensor when reached by the electrical pulse. The strain pulse is then used to determine the position of the floats to provide a level measurement.

MPX-E/R

Explosion Proof

The MPX-E's light weight design makes it ideal for applications where space is limited, while the MPX-R's large, robust floats and stem make it ideal for harsh applications where fouling or build up might be a concern.

MPX-E Chemical

Chemical Resistant

With a chemical resistant coating and a Kynar® float, the MPX-E Chemical delivers precision measurements in corrosive, acidic and marine environments.

MPX-F

Flexible Stem

The MPX-F features a 316L SS flexible tubing braided stem that uncoils easily for simple installation in tall tanks.

NEW MODELS COMING SOON



MPX-E/R



MPX-E
CHEMICAL



MPX-F

HOW THE RP WORKS

The RPM Resistive Liquid Level Sensors have a magnetic float that travels up and down the sensor stem to close contained reed switches that change the resistance of the sensor. The change in resistance causes a voltage fluctuation that is directly proportional to the float position, providing a level reading.

RP-E/X

1/2" Stem - Liquid Level Probe for Hazardous Locations

Every bit as durable as it's bigger brother, the RPM, the RP with 1/2" stem is designed for smaller tanks, up to 6 ft. in height.

RPM

1" Stem - Explosion Proof Liquid Level Probe

The RPM is made to work for you and is completely customizable for your needs including: probe length, float type, specific gravity and outputs.



RP-E/X

RPM

	MPX-E/R	MPX-E Chemical	MPX-F	RP-E	RP-X	RPM
Max Length	Custom	12.75 ft	32 ft	6 ft		20 ft
Stem	304 SS or 316L SS	1/2" 316L SS with coating	7/8" ø Flexible Tubing with Braid, 316L SS	304 SS, 316L SS		316L SS
Output	RS-485 Modbus, 4-20 mA Loop Powered			Resistive, 4-20 mA Loop-Powered		
Mount	NPT, Flange, No Mount	NPT	NPT, Flange, No Mount			
Certification	Explosion Proof CSA C1D1, Intrinsic Safety Pending		C1D2	—	Explosion Proof or Intrinsically Safe CSA C1D1, ATEX	





RADAR LEVEL TRANSMITTERS

HOW THEY WORK

Radar sensors calculate level based on the time difference between low-energy, high-frequency impulses sent by the sensor and returned to the sensor after reflecting off of the measured surface. They are ideal for measuring difficult materials where there is foam, vapor, or dust that interferes with other non-contact sensors.

PRS

Dual Frequency Radar for Solids

The True Echo™ PRS provides accurate level readings of difficult to measure solids - powders, pellets, grains, and granules.

PRSW

For Standing Water

The True Echo™ PRSW has dual frequencies to allow quick and accurate readings of the complex reflection off uncontrolled standing and rising water surfaces.

PRL

Pulse Radar for Liquids

The True Echo™ PRL provides accurate level readings from all types of liquid level measurement, including oil-water interface measurement via additional firmware.

NEW!



PRX

Explosion Proof

True Echo™ PRX makes getting dependable level readings in Class I, Division 1, and Class II/III, Division 1 hazardous locations simple.

	PRS	PRL	PRSW	PRX
Range	1'-17', 1'-50', 1'-100'			
Output	2- and 3-wire 4-20 mA and Hart			
Enclosure Protection	IP68, NEMA 6			

SUBMERSIBLE PRESSURE TRANSDUCERS

HOW THEY WORK

APG's submersible pressure transducers read in feet or inches of liquid that are converted to PSI. They use piezoresistive principles to monitor pressure, just like our other pressure transducers.

APG's PT-500 Series Submersible Pressure Transducers are the only transducers on the market with built-in lightning protection, Class 1, Division 1 certification, and field adjustable zero. The PT-500 Series is Tank Cloud compatible for remote monitoring via the internet

PT-500-P1

For Clean Liquids

The PT- 500-P1 has a nose cone fitting and is designed for use in clean liquids.

PT-500-P38

For Mixed Fluids

The PT-500-P38 has a choice of patented removable, reusable or fixed, welded cage, and is designed for use in caustic, turbulent, and dirty liquid.

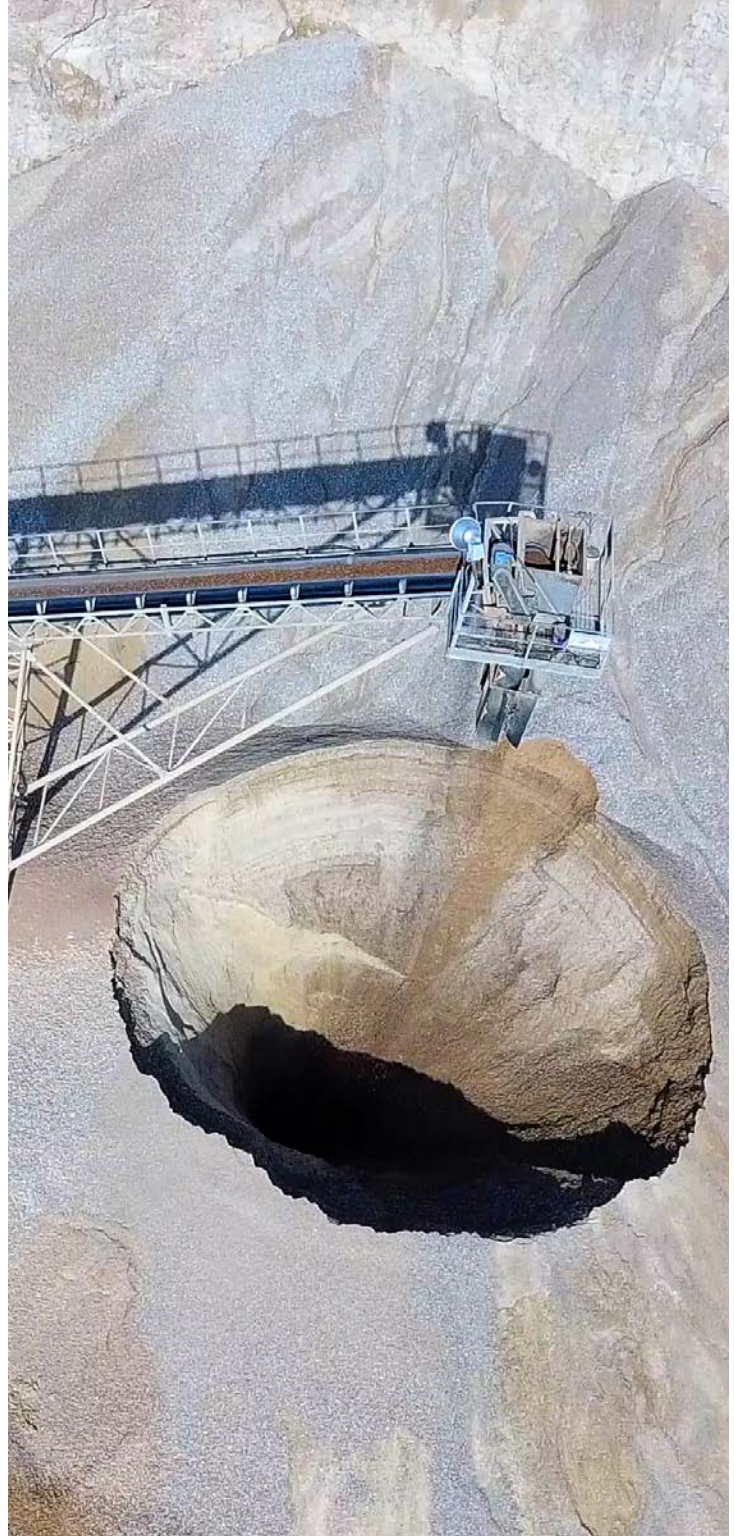


PT-500-P1



PT-500-P38

	PT-500-P1	PT-500-P38
Output	4-20 mA, Modbus RS-485	
Range	up to 450 ft	
Lightning Protection	Built-in, IEC 61000-4-5	
Body	316L SS	
Nose Cone	Delrin	—
Cage	—	316L SS
Certification	Intrinsically Safe CSA C1D1/C1D2 (4-20 mA only)	





PRESSURE SENSORS

APG's pressure sensors use piezoresistive technology to accurately measure the pressure of both liquids and gases. APG pressure transducers are used throughout industry in both process and storage environments and are popular in the oil and gas industry.

APG's digital pressure gauges serve as a vital safety tool to control pressure in any process that uses pressurized vessels or lines, and when used right are one of the most valuable instruments you can have.

PRESSURE SENSORS

- Pressure Transducers
- Hammer Union Pressure Transducers
- Submersible Pressure Transducers
- Digital Pressure Gauges

COMMON APPLICATIONS

- Oil and Gas
- Tank Level
- Pump Control / Monitoring
- Filter and Control Valve Monitoring
- Hydraulic Weight / Force
- Chemical / Petrochemical
- Pharmacy
- Minerals and Mining
- Water and Wastewater
- Food and Beverage
- Agriculture
- Medical

PRESSURE TRANSDUCERS

HOW THEY WORK

APG's pressure transducers use piezoresistive principles to monitor pressure. The sensors contain a sensing element that is attached to a diaphragm. As the diaphragm flexes from pressure, the sensing element changes relative to pressure to provide a basis for measure.

PT-400

For Harsh Conditions & Hazardous Locations

The PT-400 is built for harsh environments, high vibration, high-pressure spikes, and even extended temperature compensation.



PT-L1/L3/L10

Amplified Output for General Use

These compact, inexpensive pressure transducers have an amplified output and are great for a wide variety of uses, including OEM applications.



PT-405

Explosion Proof

The PT-405 pressure transducer offers high accuracy and reliability over a wide range of pressures with cCSAus approvals.

NEW!



PT-L9/L13/L14

Millivolt Output for General Use

These inexpensive, super compact pressure transducers have a millivolt output and fit just about anywhere.



	PT-400	PT-405	PT-L1/L3/L10	PT-L9/L13/L14
Range	up to 30,000 psi		up to 10,000 psi	
Output	4-20 mA, Voltage, Modbus	4-20 mA, 0-5 V, 0-10 V, RS-485	4-20 mA, 0-5 V, 0-10 V	mV/V
Accuracy	0.1 % of f.s.	0.25 % of f.s.	0.1 % of f.s.	
Enclosure Protection	—	—		
Temperature Range	-40 to 180 F			
Certification	Intrinsically Safe CSA C1D1, ATEX, IECEx (4-20 mA only)	CSA C1D1; Explosion Proof	—	



Hammer Union Pressure Transducers

APG's Hammer Union Pressure Transducers are built for extreme pressure, intense vibration, and rough handling. Built with a smart design, these sensors feature a wider top for easy connector access, large drain holes to keep water from collecting around the electronics, and an optional halo cage.

HU-1502I

Intrinsically Safe, Sour Gas Compatible
The toughness you need in a Hammer Union now with a recalibration port!

NEW!



HU-1502

Built Tough for Oil & Gas Applications
The HU-1502 has a 1502 fitting and is certified for global use in hazardous locations for pressures up to 15,000 psi.

HU-2202

Durability in a Smaller Package
The HU-2202 is available with a 2002 or 2202 fitting and is certified for global use in hazardous locations for pressures up to 20,000 psi.



	HU-1502I	HU-1502	HU-2202
Range	up to 20,000 psi	up to 15,000 psi	up to 20,000 psi
Output	4-20 mA, 0-5 V		
Accuracy	≤ 0.25 % of f.s.	0.25 % of f.s.	0.25 % of f.s.
Enclosure Protection	IP67/IP65, NACE	IP68, NACE	IP68, NACE
Temperature Range	-40 to 185° F		
Certification	Intrinsically Safe CSA C1D1, ATEX, IECEx (4-20 mA only)		

DIGITAL PRESSURE GAUGES

HOW THEY WORK

APG's digital pressure gauges contain a pressure transducer that provides readings to the attached digital display in the unit of measure of your choosing (psi, kPa, mmHg, cmHg, mbar, bar, inH₂O, ftH₂O, kg/cm²), while adjusting for additional activated features. The full-feature PG gauge platform includes tare, peak hold, and max/min functions standard (PG2 not included).

PG2

Low-Cost, Indoor/Outdoor Gauge

The PG 2 is our base-line digital gauge with auto-off and re-zeroing functions, user selectable units of measure and an easy-to-read display.



PG5

Full-Feature Indoor Gauge

Serving as the foundation to our PG series of gauges, this general purpose, full-feature gauge is designed for accurate indoor pressure measurements.



PG7

Rugged Full-Feature Gauge

The PG7 is a rugged full-feature gauge perfect for indoor and outdoor use.



PG10

Large Display Gauge

The PG10 is our feature gauge with a large, 5-digit display, 270° radial bar, datalogging, and optional solid-state or SPDT mechanical relays.



	PG2	PG5	PG7	PG10
Range	up to 5,000 psi	up to 10,000 psi	up to 30,000 psi	up to 10,000 psi
Output	—	4-20 mA, 0-2 V, 0-5 V		
Accuracy	available 0.5 % of f.s.	available 0.1 % of f.s.		
Enclosure Protection	IP65	—		IP65

DISPLAYS & CONTROLLERS

RST-5003

Web Enabled Controller

Connects up to 10 Modbus sensors in a daisy-chain network or a single 4-20 mA sensor to Tank Cloud.



DDD/DBD

Din Mounted Digital Display

Din Mounted Digital Bright Displays provide highly configurable, 2 line displays with NEMA 4X / IP65 front facing ratings.

NEW!



MND

Modbus Digital Display

Local display that works with up to 10 sensors as a master, slave, or power source on any Modbus network.



DDL

Large Digital Display

The DDL features 1.8" digits readable from 100 ft with standard high intensity LED's for direct sun visibility, and a NEMA 4X / IP65 rated enclosure.

NEW!



IS MODELS COMING SOON

LPD

Loop-Powered Display

Local display designed to be inserted into a 4-20 mA sensor current loop.



DDX

Explosion Proof Digital Display

Loop- and line-powered explosion-proof display encased in a cast aluminum FM rated housing.

NEW!



	MND	LPD	RST-5003	DDD/DBD	DDL	DDX
Input	RS-485 Modbus	4-20 mA	Modbus, 4-20 mA, 0-2 Switches	4-20 mA, 0-10 V DC		
Output	4-20 mA, 0-5 V, Trip Points	4-20 mA	Modbus, TCP/IP, 2 Relays, 0-2 Isolated SSR	up to 4 relays, Isolated 4-20 mA		
Mount	Handheld, Panel, Wall		Din Rail	Din Rail	Panel, Wall	
Enclosure Protection	IP67	IP67/IP68	—	IP65		

REMOTE TANK MONITORING

CONTROLLERS

- LOE p.12
- RST-5003 p.23

SENSORS

- MNU p.12
- MNU IS p.12
- MPX p.14
- PT-500 p.17
- PT-400 p.20
- PT-405 p.20
- PG7 p.22
- PG10 p.22

Tank Cloud

Allows you to view measurements from your sensors anywhere you have an internet connection.

1. Connect a Remote Sensor

Connect any 4-20 mA signal sensor or up to 10 daisy-chained APG Modbus sensors to a Tank Cloud master.



2. Use the Internet Backbone

Connect the Tank Cloud master to a pre-existing Internet connection via an Ethernet cable - landline, satellite, radio, or cellular.



3. View Measurements Online

Access sensor data online anytime through our secure Tank Cloud portal at levelandflow.com. Here you can see everything you need to know about your measurements and can even program your sensors.



4. Get Alerts and Long-Term Data

Become further connected to your measurements by programming custom alarms that can be received via email and text, and add data-logging for long-term decisions.



Tank Minder

Remote Vendor Managed Inventory System (VMIS)

Tank Minder remote tank vendor management system provides real-time tank inventory level so you receive deliveries based on actual need. Tank Minder measures and transmits tank levels to a secure website, where you can view current and past level measurements, and set level-based delivery alerts.



View Remote Inventory

High performance ultrasonic level sensors are installed on each tank to measure inventory level that is transmitted to an RST-5003 controller so level measurements can be viewed online.

Define Delivery Alerts

With level-based alerts you are guaranteed to receive inventory deliveries when you need them without having excess or running out. Simply log on to the secure website and set an alert at the levels you need.

Tank Mesh Wireless

Scalable and Customizable Telemetry Solutions

Built on 900 MHz radios, Tank Mesh sentinels and stick transceivers can transmit signals from analog or digital sensors up to 0.5 and 3-4 miles, respectively. Additionally, Tank Mesh networks can be connected to the online Tank Cloud data portal by integrating a Tank Cloud master into the network.



INTRINSICALLY SAFE

HOW THEY WORK

Intrinsically Safe (IS) sensors are designed and wired to work on such a low current and voltage that it cannot possibly ignite flammable material. By limiting the energy available within the defined hazardous area, electrical equipment can operate safely even amid hazardous mixtures of gases, dust, and metals.

COMING SOON

MPX IS

Intrinsically Safe Level Probe

The MPX IS brings you everything you already love about our magnetostrictive liquid level probe line now with an intrinsically safe rating.



MND IS

Intrinsically Safe Modbus Digital Display

Now you can get APG's MND local display with an intrinsically safe rating. The display works as a sensor's power source and display for a complete IS system.



MNU IS

Intrinsically Safe Modbus Sensor

With the mounting and range flexibility of the MNU, the MNU IS brings worry-free level monitoring and remote Modbus controls to hazardous locations.

NEW!



INTRINSICALLY SAFE SENSORS

- MNU IS p.12
- LPU-2428 p.13
- RP p.15
- RPM p.15
- PT-500 p.17
- PT-400 p.20
- HU-1502 p.21
- HU-1502I p.21
- HU-2202 p.21

EXPLOSION PROOF

HOW THEY WORK

Explosion Proof sensors are contained within a housing that is strong enough to contain a flame or an explosion. This method is used where it is impossible to reduce the electrical circuit energy.

PRX

Explosion Proof

True Echo™ PRX makes getting dependable level readings in Class I, Division 1, and Class II/III, Division 1 hazardous locations simple.

NEW!



PT-405

Explosion Proof

The PT-405 pressure transducer offers high accuracy and reliability over a wide range of pressures with cCSAus approvals.

NEW!



DDX

Explosion Proof Digital Display

Loop- and line-powered explosion-proof display encased in a cast aluminum FM rated housing.

NEW!



EXPLOSION PROOF SENSORS

- MPX p.14
- RP p.15
- RPM p.15
- PRX p. 16
- PT-405 p.20
- DDX p.23



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Document # 9004643 Rev. E
Part #122950-0024



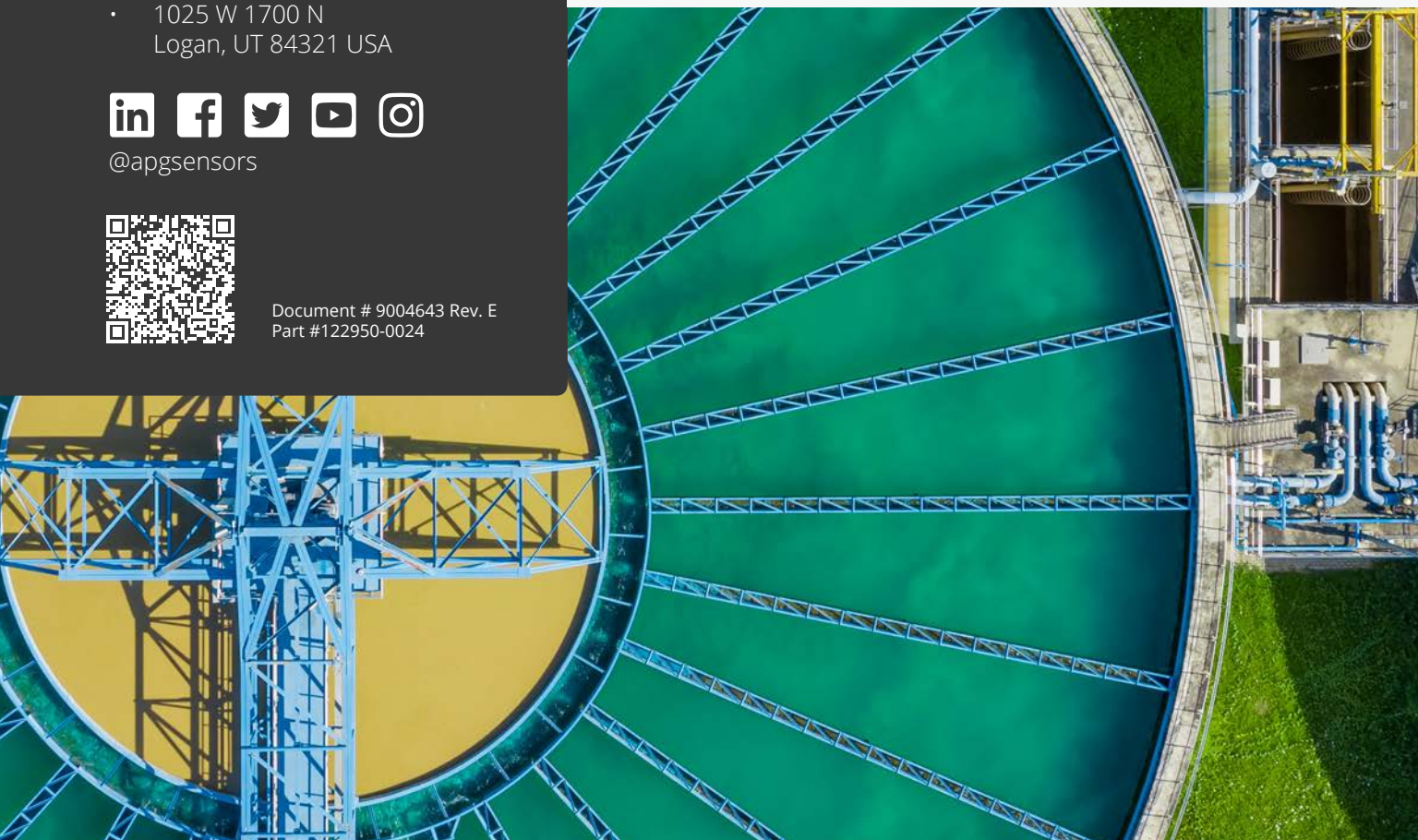
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