APG

Automation Products Group, Inc.

2019 TANK CLOUD 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.

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.

CONTROLLERS

- LOE   p.4
- RST-5003   p.4

SENSORS

- PG7   p.5
- PG10   p.5
- PT-405   p.5
- PT-400   p.5
- PT-505   p.5
- MNU   p.6
- MNU IS   p.6
- MPX   p.6

TANK MINDER

Remote Vendor Managed Inventory System (VMIS)

Tank Minder remote tank vendor management system monitors tank levels in real-time so you can get inventory 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. The system consists of MNU ultrasonic level sensors that take individual tank measurements, MND digital displays that show local readings, and a control box that contains everything needed to receive the sensor measurements and display them at levelandflow.com.

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.

View Inventory Remotely

High performance ultrasonic level sensors installed on each oil tank measure inventory level and transmit them to an RST-5003 controller so level measurements can be viewed online.

NEW!

Measure Inventory Level

A high performance MNU ultrasonic level sensor is installed on each oil tank to measure inventory level.

Online & Site Measurements

The level detected is sent to a control box that contains everything needed to get your measurements online and at the site.

View Anytime, Anywhere

View tank levels and set alerts through our secure website, anywhere you have an internet connection.

TANK CLOUD MASTERS

HOW THEY WORK

APG's Tank Cloud Masters send sensor data to the internet using a pre-existing internet connection via Ethernet- be it landline, radio, cellular, or satellite, where the data can be accessed through the online data portal at levelandflow. com. They are required to connect sensors to the online Tank Cloud data portal.

RST-5003
Web Enabled Controller

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

TANK CLOUD SENSORS

Digital Pressure Gauges

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.

Pressure Transducers

PT-405
NEW!

Explosion Proof

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

PT-400
Hazardous Locations

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

PT-500
For Clean Liquids

Our PT-500 Submersible Pressure Transducers are the only ones on the market with built in lightning protection, Class 1, Division 1 certification, and field adjustable zero.

Ultrasonic Level Sensors

MNU IS

NEW!

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.

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.

Continuous Float Level Probes

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.

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