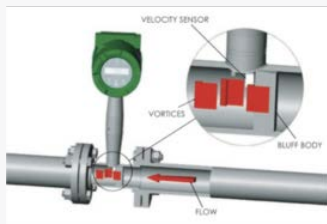


Dear #name# #surname#

October 2016, Volume 15, Issue 9



Vortex Flowmeters from VorTek Instruments

Established in 1995, VorTek Instruments is a manufacturer of precision multivariable flowmeters for the measurement of liquid, gas, steam and energy. Through the innovative use of technology, they offer customers quality, reliability, accuracy, durability, and outstanding product economics regardless of pipe size, fluid type, or flow rate.

VPro-V T M Advantage:

- Volumetric or mass flow monitoring of most liquids, gases, and steam
- Multivariable meter delivers mass flow, temperature, pressure, and density readings from a single installed device and reduces initial cost, installation cost and cost-of ownership over the lifetime of the instrument
- Mass flow equations - real gas, ideal gas, AGA 8, API 2540
- Energy Monitoring—ability to compute and output energy use
- Reliable— no moving parts, no fluid to sensor contact
- Temperature up to 400°C
- Inline configurator for pipes from 1/2" - 12" DN15 to DN 300
- 4-20mA loop-powered Mass Meter design saves on energy costs
- Modbus, BACnet communications available
- Remote electronics option available for use in harsh environments or locations with limited access
- Compensated mass flow reading of liquids, gases, and steam
- Easy to install and commission
- High accuracy with rangeability up to 100: 1
 - Pressure up to 1000 kPa
- Field configurable ranges, outputs and displays
- HART protocol communications - Standard
 - FM, FMC, ATEX, IECEx Approved

[More info...](#)



Limited Time Offer Katronic Ultrasonic Flowmeters

10% Additional discounts offered on the Katronic range of Ultrasonic Flowmeters. Valid for order placement from November 1 till November 30. Available to customers within our sales territory.

[Check It Now!](#)

Version update for MC6 HART Device Description package
HART160822D.bxf

King-Gage LP2 Single Tank Level Indicator



LP2 indicator accepts the proportional 4-20 mA signal from a liquid level transmitter. The actual sensor used to detect hydrostatic pressure (created by liquid depth) can be either electronic or pneumatic. With the latter, an electronic pressure transmitter is used to convert the sensor's pneumatic signal into 4-20 mA output (using a KING-GAGE® D/P Module or D/P Transmitter). LP2 indicators express tank level directly in engineering units. The indicator references a capacity profile to correlate transmitter output to actual tank geometry. The indicator then formats the resulting value directly as the total weight or volume of liquid in the tank. There are no user conversion factors involved or scaling points to enter. All application details are factory programmed into an innovative nonvolatile modular memory called the **Datapak iButton**.

- Direct Reading by Volume or Weight
- Nonvolatile Datapak iButton Memory
- Provides 24 Vdc Transmitter Excitation
- Dual Serial Communications Ports

The new LP2 Tank Level Indicator combines intelligent signal processing and data acquisition for seamless integration in process control. LP2 indicators will provide continuous measurement of liquid inventory in storage or processing tanks. Calculating level on the basis of hydrostatic pressure created by liquid depth, the system measures total product mass for more precise material accounting.

Whether mounted at the tank as a local display or networked to a central control station, LP2 indicators offer a complete system solution. Their rugged design incorporate many valuable features that simplify installation while ensuring long-term reliability.

[More info...](#)

Smart Valve Positioner 700 Series from Azbil

The Smart Valve Positioner 700 Series not only inherits the reliability of the core technology established by the 300 Series, but has advanced control valve diagnostics techniques and the latest system integration technology. The Smart Valve Positioner 700 Series provides numerous benefits for various stages in the life cycle of plants and contributes to the improvement of plant productivity.

Excellent environmental resistance and robustness
Azbil's unique isolating structure separates the electrical / electronic parts, air circuits and terminal box from each other, achieving high environment resistance. In addition, the improved travel sensor provides better vibration resistance. These features provide what is important for field equipment: long-term high reliability.



Comprehensive control valve diagnosis
The added pressure sensors in the positioner are able to measure the supply air pressure, nozzle back pressure and output air pressure. The control valve diagnostic algorithm, that determines the soundness of the control valve is based on the measured values of those pressures.

Do-from-anywhere adjustment and setup

The new adjustment/settings mechanism is a combination of an LCD and push buttons mounted on the front of the positioner that allows users to operate the positioner without compromising the explosion proof construction

Advanced System Integration

The 700 Series supports Hart protocol, which is the de facto communication standard in the industry and the latest version FOUNDATION™ Fieldbus had been certified by both organisations.

[More info...](#)



AMS News

Welcome to the October AMS newsletter. In this issue we introduce a new product line, KingGage. KingGage is part of the Bellofram group of companies and specialises in tank level monitoring and indication in the marine, wastewater, warehousing, power generation and manufacturing industries. Above picture shows the AMS stand at the Perth Technology Expo, which proved to be successful with several enquiries for a range of equipment from our WA customer base. With just over two months to go AMS is looking at another successful year with several projects still to come in before the end of December and with steady base business flowing through.



London Electronics Factory Displays

In a competitive market, you need to respond immediately to anything which could affect your production efficiency. You need to deal with it now, and you need to understand what to do to stop it from happening again. Tell us what is important in your process and we will make a display system for you to show live values of your key performance indicators. We offer a range of sizes to allow viewing from close up to as far as 200m away. Sealed for washdown and with a 3 year warranty, these displays are reliable and quickly pay for themselves. We can even save the live data onto a cloud-based system so you can view the same live data from wherever you are in the world. See our factory analysis section for information on our custom-analytics systems. A simple live comparison system to show whether a line is performing to target rate. The displays are designed for washdown environments.

[More info...](#)

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