

End-to-end wireless process plant valves monitoring available

ELTAV wireless monitoring system is on the market as "an end-to-end solution of a sensors network used to monitor various types of valves operating in a process plant."

It provides both field and control room operators a comprehensive picture of valve performance status in real time. ELTAV enables wireless valve monitoring without using cables or any other infrastructure.

The system comprises a small battery-powered **Valve Device**. It installs on existing or new valve actuators (NAMUR interface) or manual valves (ISO 5211 interface). The Valve Device collects dynamics-of-state change of an actuated valve, then transmits it as a 64-point packet. This provides preventive data on the actuated valve set.

The systems also comprises a network of **Valve Device Routers** that transfer monitoring data from the Valve Devices on a wireless MESH network to the **Tunneling VDR**. The latter is a last hop VDR that transfers collected data from the VDRs network to Eltav Gateway. Several TVDRs can be connected via TCP/IP to **Eltav Gateway**, an industrial computer that manages the ELTAV system.

ELTAV Management System is a software management tool. It monitors and reports valve position and health status. EMS provides data in common industrial standard connections to HMI, DCS, and PLCs onsite. The system's **Operator Device** is a handheld instrument used by the process line operator for setup and local data retrieval.

Complete ELTAV wireless monitoring system information is yours free upon request.

Eltav Wireless Monitoring Ltd.

23 15 Hatassia Street, Ranana 43654 Israel



New custody-transfer-applicable gas flow meters

ALTOSONIC V12 gas flow meters are newly introduced next generation custody transfer designs.

They comprise 12 measuring chords, two of which are solely dedicated to diagnostic functions. Once commissioned, it continuously checks operating status. Positioning of the chords in five horizontal parallel planes compensates for swirl and provides reliable measurements, even with highly distorted flow profiles.

ALTOSONIC V12 is engineered to overcome how to transfer calibration curve obtained under ideal conditions in the high-pressure test rig to real-life measuring station with its headers, strainers, bent pipes, etc.

It also addresses flow meter self-monitoring challenges during operation: defining accuracy of billing after a certain period of operation.

These gas flow meters are on the market in 4 to 24-in., an installation length of 3D, and a maximum operating pressure of 2,200 psi. Further details are free.

KROHNE Incorporated

28 7 Dearborn Road, Peabody MA 01960



Volume booster for pneumatic, gas service

VBP high flow meters are patented stainless steel

For pneumatic service, they perform effectively in high flow in close rotation. It's noted. It's said to have. In uses v

Sensor self defrosts as it detects early ice formation

RSSO tester approved for gas, diesel, and biodiesel fuels

has been Method for rapid Small

design to re- TM D525- and EN 14 or too time d for spot and moni-

OG&PE
Oil, Gas & Petrochem Equipment

WHAT'S NEW in Oil Industry Onshore & Offshore Products and Services

