



# Magnetrol®

## PRESS RELEASE

### **Pulsar® Model R86 brings a new, smarter Non-Contact Radar transmitter to process industries**

**The latest innovation from the Magnetrol® Think Tank provides safe, efficient and cost-effective liquid level measurement**



Magnetrol International has launched the PULSAR Model R86 Non-Contact Radar transmitter, an advanced level control solution that offers radar technology with improved performance for a wide range of level measurement applications.

The PULSAR Model R86 is designed to provide outstanding accuracy, reliability and safety for virtually all process industries.

Latest-generation features include:

#### **Improved Performance**

The 26GHz radar signal has a smaller wavelength, resulting in smaller antennas and improved 1mm resolution. This is an important distinction for demanding process conditions because the smaller beam angle allows for installation into process connections as small as 1½". As a result, The PULSAR Model R86 assures precise, dependable control for a complete spectrum of level applications.

#### **Advanced Diagnostics**

The user interface experience of the PULSAR Model R86 is driven by advanced diagnostics that transforms the way that radar level measurement is used. Automated echo capture conveys real-time waveform and trend data so users can assess the situation at a glance. In addition, the event history shows up to 20 events including diagnostic and configuration data to pinpoint any issues. Troubleshooting tips are also given to provide practical solutions that can help companies reduce downtime.

#### **True Versatility**

The PULSAR Model R86 uses circular polarization, which means there's no need to rotate the antenna to ensure proper orientation. This simplifies installation and delivers proper alignment in virtually every application. High Temperature antennas are designed for use in extremely demanding applications and punishing conditions up to 750°F (400°C). There are also nozzle

extensions ranging from 4" to 72" (10 cm to 1.8 meters). That means nonstandard nozzle lengths and buried vessel standpipes are not an issue for this advanced solution.

The PULSAR R86 introduction represents the latest radar innovation from MAGNETROL, the company that introduced the very first 2-wire, loop-powered guided wave radar transmitter for industrial liquid level applications.

### **About Magnetrol**

Magnetrol International is a global leader in level and flow measurement instrumentation. Headquartered in Aurora, Ill., USA, the company manufactures innovative level and flow instrumentation for a wide range of process market applications. Magnetrol pioneered liquid level instrumentation for industrial applications in 1932 and continues to provide advanced measurement and control solutions across a wide product and technology portfolio. Magnetrol's strategic global network includes manufacturing facilities in Aurora, Ill., USA; Zele, Belgium; Sao Paulo, Brazil; Shanghai, China; and Dubai, UAE. They are linked by a distribution, sales and support system with 125 locations worldwide. The Magnetrol Group of Instrument Companies also includes Orion Instruments, Solutions With Innovation and Introtek International, subsidiaries offering specialized instrumentation capabilities. For information, visit [www.magnetrol.com](http://www.magnetrol.com).

### **For media inquiries, contact:**

Katrien Geerinckx

Magnetrol International, N.V.

Email: [kgeerinckx@magnetrol.be](mailto:kgeerinckx@magnetrol.be) - Phone: +32 (0)52-451111