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THREADED PVDF ANTENNA OPENS UP NEW APPLICATIONS FOR SIEMENS RADAR LEVEL TRANSMITTER

ATLANTA, December 8, 2011 – Siemens' Industry Automation Division has launched the Sitrans LR250 radar level transmitter with a new threaded PVDF (polyvinylidene fluoride) antenna for liquid and slurry measurement. The antenna opens up new applications in extreme conditions such as liquid and slurry, for this non-contacting level transmitter.

Sitrans LR250 threaded PVDF antenna is designed for extreme conditions characteristic of acids, alkalis, and other corrosive chemicals: some examples include sodium hypochlorite, sodium hydroxide, and sulfuric and hydrochloric acid applications. These applications are not suitable for stainless steel and usually require transmitters be made from exotic and costly materials. However, the Sitrans LR250 threaded PVDF antenna is able to withstand such environments while remaining a cost-effective solution. It also uses FDA-compliant materials suitable for use in food and beverage, chemical, and water treatment applications.

The Sitrans LR250 measures ranges of up to 20 m (66 ft) due to its compact 25 GHz 2-wire transmitter. It is available with Hart, Profibus PA, or Foundation Fieldbus protocols. With the graphical Quick Start Wizard, the Sitrans LR250 is operational in minutes and the infrared handheld programmer supports local programming.

Fully functional diagnostics comply with Namur NE 43 and the Sitrans LR250 has also achieved a SIL 2 functional safety declaration with Safe Failure Fraction (SFF) of 86 percent, making it suitable for use in Safety Instrumented Systems (SIS). Key fields of application for the Sitrans LR250 include bulk liquid storage tanks, process vessels with agitators, vaporous liquids and low dielectric media.

For more information, visit www.usa.siemens.com/level. Individuals interested in learning how to measure success through process instrumentation and analytics can visit www.blogs.siemens.com/measuringsuccess.

Siemens Industry Sector is the world's leading supplier of innovative and environmentally friendly products, solutions and services for industrial customers. With end-to-end automation technology and industrial software, solid vertical-market expertise, and technology-based services, the sector enhances its customers' productivity, efficiency and flexibility. With a global workforce of more than 100,000 employees, the Industry Sector comprises the Industry Automation, Drive Technologies and Customer Services Divisions as well as the Metals Technologies Business Unit. For more information, visit <http://www.usa.siemens.com/industry>.

The **Siemens Industry Automation Division** supports the entire value chain of its industrial customers – from product design to production and services – with an unmatched combination of automation technology, industrial control technology and industrial software. With its software solutions, the division can shorten the time-to-market of new products by up to 50 percent. Industry Automation comprises five Business Units: Industrial Automation Systems, Control Components and Systems Engineering, Sensors and Communications, Siemens PLM Software and Water Technologies. For more information, visit <http://www.usa.siemens.com/automation>.

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