



AMETEK DREXELBROOK
205 KEITH VALLEY RD., HORSHAM, PA 19044-1499
www.drexelbrook.com



Contact: Don Koeneman (215) 674-1234

**AMETEK DREXELBROOK ANNOUNCES IMPULSE™ SERIES
CONTINUOUS TIME DOMAIN REFLECTOMETRY (TDR) LEVEL TRANSMITTER
Full-Featured, Low-Cost, 2-wire Impulse TDR
Level Transmitter Is Easy to Install and Configure**

HORSHAM, PA – AMETEK Drexelbrook, the leader in level measurement technology, has added the Impulse™ Series Continuous TDR Level transmitter to its extensive and diverse line of level measurement products.

The new Impulse Series guided wave radar level transmitter employs field proven Time Domain Reflectometry (TDR) technology to provide accurate measurement of total level, distance or volumetric outputs. TDR technology has been widely used in level measurement for its inherent ability to remain unaffected by variations in process materials electrical characteristics.

The reliable and highly accurate (3 mm) Impulse Series transmitter provides continuous level measurement of liquids to ranges up to 50 ft. (15 m), with a 2-wire 4-20mA, HART output signal. It has 5 different sensor types and is constructed of 316SS and Hastelloy C for use in environments that are classified hazardous (Class I, Div. 1) with either Intrinsically Safe or Explosion Proof installation requirements.

The system operates in temperature ranges from –40°F to 392°F (-40°C to 200°C) and with process pressures up to 580 psig (40 bar). The system is available with either a threaded ¾" NPT or 1-1/2" NPT or ANSI flanged process connections from 1" through 8" 150# and 300# ratings.

Its compact electronics comes standard with an integral display and keypad for local configuration, precluding the need for expensive hand-held communicators or PC software. Internal software features support measurements of Level, Distance or Volume. Custom characterizations for non-standard tank shapes can be set up through a 21-point strapping table.

The Impulse Series features a simple, user friendly, easy-to-navigate configuration set-up. No calibration or level changes needed. Its dual compartment housing ensures dependable service by separating the wiring terminals from the intrinsically safe electronic circuitry, display and keypad.

AMETEK Drexelbrook is an acknowledged leader in level measurement and a unit of AMETEK, Inc., a leading global manufacturer of electronic instruments and electromechanical devices with annual sales of \$2.1 billion. For more information on the Impulse Series TDR level transmitter, contact AMETEK Drexelbrook, 205 Keith Valley Road, Horsham, PA 19044. Telephone: 215-674-1234 or Fax: 215-674-2731. Website: www.drexelbrook.com