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Sensus announces new residential water technology: iPERL

Intelligent water management system helps smart utilities drive water efficiency

Raleigh, NC (June 16, 2009) – Sensus announces its newest product, iPERL, an innovative concept in water metrology that transcends the concept of a water meter. iPERL innovates measurement technology with unparalleled low flow accuracy, high flow durability and minimal wear and maintenance needs. The result is a utility's ability to measure water that had previously passed through the system undetected.

iPERL's accuracy at all flow rates, with exceptional low flow measurement, enables a utility to bill for true water use. This intelligent water management system provides extraordinary information to help the smart utility improve water efficiency by collecting and reporting information on the application status as well as the health of the meter. Its ultra low flow accuracy allows detection, and reporting, of leaks down to the smallest trickle.

Sensus designed iPERL as a sustainable product, given the current environmental focus on conservation. iPERL is 100% lead free and AB1953 and ANSI/NSF Standard 61 compliant. Its composite materials require less energy to produce, weigh less, and are less costly to ship than bronze meters.

iPERL continuously measures water as it flows through a magnetic field, using the speed of the water to create and transmit the signal. This allows all intermittent usage, inherent to residential applications, to be captured. Susan Forsgard, Sensus Residential Meter Product Manager, says "regardless of the water flow intensity (from very low to extremely high), iPERL is successful in measuring the water with precision accuracy."

“iPERL offers unprecedented information regarding the application status and the health of the meter so that a utility can more efficiently manage its business,” Forsgard said. “This product can ultimately improve a utility’s revenue, conservation opportunities and water efficiency program.”

Because there are no moving parts and thus no mechanical wear, iPERL achieves perpetual accuracy. The electronic register fuels iPERL’s intelligence, giving a utility access to information needed to make sound management decisions. iPERL has the capability to detect leaks, reverse flow, tampering, empty pipes and battery status. The iPERL also exceeds AWWA standards in accuracy and headloss performance and comes in three sizes: 5/8-inch, 3/4-inch, and 1-inch.

About Sensus

Sensus is a time-tested technology and communications company providing data collection and metering solutions for water, gas and electric utilities around the world. Sensus is a transforming force for the utilities of tomorrow through its ability to help customers optimize resources, as well as to meet conservation and customer service objectives. Sensus customers rely on the Company for expert, reliable service in order to meet challenges and exceed goals. For more information, visit www.sensus.com.