New Battery-Powered Water Meter



KROHNE introduces its

WATERFLUX 3070 electromagnetic water meter for applications in the water and wastewater industry. According to the company, the a magnetic-inductive meter is also characterized by:

- A 15-year battery life that makes it ideally suited to applications where no power is available.
- Power consumption that is about 5,000 times less than a comparable linepowered electromagnetic flowmeter.
- The ability to indicate status or diagnostic conditions, such as battery life or less than full pipe conditions.
- An accurate measurement of \pm 0.2 percent (\pm 1.5 mm/second).
- A lower pressure drop than comparable mechanical water meters.
- A Rilsan®-lined metal tube, which is capable of withstanding high pressure.
- Coils that are arranged to form a strong, uniform magnetic field, so the measurement is independent of flow profile.

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- The flexibility to be installed in very narrow wells and chambers.
- Availability of sensors from 1 to 24 inches (DN 25 to DN 600).
- An optional GSM module for remote transmission of measurement data and status information, plus a data logger to store all data, including peak flow and low flow during the night.

www.krohne.com [1]

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[1] http://www.krohne.com/