ABB releases its next generation magnetostrictive liquid level transmitters

The SIL-certified LMT Series delivers leading edge technology for safe, accurate, and reliable level measurement solutions in wide variety of industrial applications.

ABB today announced the release of its next generation of magnetostrictive liquid level transmitters that will improve level measurement for a wide variety of applications in oil, gas, chemical and power generation industries.

The new LMT Series of magnetostrictive level transmitters' principle of operation and simple setup ensure that total and/or interface levels are always measured reliably and accurately, minimizing downtime and maximizing process efficiency and operating profits. Key features include:

- Certified to Safety integrity level 2 (SIL2) and systematic capability 3 (SC3) according to IEC61508 and can be used in applications area of IEC61511-1 up to SIL-2(HFT=0) and SIL3(HFT=1)
- High accuracy: 0.01% of full scale or ± 1.27mm for total level and/or interface measurement with superior patented AccuTrack Sensor technology
- HART 7 digital communication and 4 to 20mA analog output
- First magnetostrictive level transmitter with Through The Glass (TTG touch screen interface and Integrated and Interactive Waveform
- Packaged in ABB's advanced common instrumentation platform resulting in simplified operation, maintenance and training to provide a common user experience.
- Most accurate and reliable for the 3-in-1 measurement of total level, interface and temperature variables with the direct insertion model.
- RoHS 2.0 and NAMUR standards with global Hazloc ATEX/IECEX, cFMus, NEPSI, CRN approvals
- Online self-verification and diagnostics feature for easy commissioning and troubleshooting to deliver the best in class asset optimization

The new LMT Series level transmitters, available as the LMT100 direct insertion model, and the non-intrusive LMT200 model, are mountable on any magnetic level gauge. The result is an accurate, safer, more reliable and easier way to maintain the level measurement system.

ABB's Measurement & Analytics business unit (www.abb.com/measurement) is among the world's leading manufacturers and suppliers of instrumentation and analyzers. With thousands of experts around the world and high-performance technology, ABB's team is dedicated to making measurement easy for its customers. www.abb.com/level

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in power grids, electrification products, industrial automation and robotics and motion, serving customers in utilities, industry and transport & infrastructure globally. Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from
any power plant to any plug and automating industries from natural resources to finished products. As title partner in ABB Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in more than 100 countries with about 147,000 employees. www.abb.com

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