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ABB launches new LMS200 magnetic level gauge switch

Delivers leading-edge technology to the non-invasive switch market by facilitating accurate level measurement for oil & gas, chemical, and power generation applications

ABB today announced the release of an innovative magnetic level gauge switch that enhances the level measurement and control solution for a wide variety of industrial applications in oil & gas, chemical and power generation.

Currently, the magnetic level gauge switch market consists of products that have older technology and are costly to maintain and operate. The new LMS200 magnetic level gauge switch is non-invasive and designed to improve the ease of use, safety and reliability of magnetically coupled switches. The level 'set-point' is easily adjustable without changing any process piping or risking a plant shutdown. The result is a safer, reliable and easier way to maintain level measurement systems.

- Unique concept of magnetic coupling, eliminating direct contact with process
- 10 amps DPDT switch in IP66/67 rated explosion proof aluminum housing
- Improved over-molded magnet design to lower the deadband and operating distance
- Spacious chassis & safe wiring terminal design
- Integrated rod mount design for wide range of environmental conditions and applications
- RoHS 2.0 compliance with global Hazloc ATEX/IECEX, cFMus approvals
- OEM replacement for K-TEK's MS40 & MS40EX magnetic level switches

When mounted on an ABB KM26 magnetic liquid level gauge, or any other magnetic level gauges that contain a magnetic float, the LMS200 switch can sense high or low levels within a vessel. The unique magnetic coupling action avoids the need for seals, diaphragms, springs, or torque tubes.

The LMS200 is non-invasive, magnetically actuated point level switch that is a reliable solution in demanding conditions.

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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