

ABB introduces new magnetic flowmeter designed specifically for oil and gas industry

Available in all 316 stainless steel, with high pressure ratings and standard hazardous area certifications, it is ideal for many oil and gas flow applications - Measurement made easy

Workington, United Kingdom, July 15, 2015 – ABB, the leading power and automation technology group, launches the new ProcessMaster electromagnetic flowmeter designed specifically for the oil and gas industry.

ABB has responded to the needs of the oil and gas industry by adding new features, to the popular ProcessMaster range, to meet the industry's need for a rugged reliable electromagnetic flowmeter with higher pressure ratings, traceable materials and hazardous area approvals. Typical applications include produced water, drilling mud and fracking fluid.

The ProcessMaster is designed specifically to meet the increased requirements of today's operators. The modular design concept offers flexibility, cost-saving operation and reliability whilst providing a long service life and exceptionally low maintenance. A built-in diagnostics tool, called ScanMaster, checks operating functions, calibration and condition to maximize measurement availability and accuracy.

It features ABB's universal HMI user-friendly interface, which allows quick and simple data entry for all process parameters. The "Easy Set-up" feature guides the operator step by step through the parameterization without the need for intensive training. "Through-the-glass" functionality enables full, secure, local configuration without the need for opening the housing. If the electronics do need replacing, all ProcessMaster versions utilize a common electronics cartridge to lower inventory costs and spare parts. The same cartridge can be deployed in integral and remote installations – including hazardous area locations.

With advanced electronics, no moving parts or obstructions in the pipe, the ProcessMaster electromagnetic flowmeter is extremely powerful, rugged and reliable. It also features simple installation, commissioning, configuration and maintenance – so operators can start saving time and money from day one.

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.

ABB (www.abb.com) is a global leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 140,000 people.

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