

New pH sensor lasts longer and needs less maintenance

New Endura TBX587 last up to 3 times longer in harsh applications

Warminster, Pennsylvania, November 17, 2009 -- ABB has announced the release of the Endura TBX587 Retractable pH sensor. The sensor lasts up to 3 times longer in harsh applications, yet needs less maintenance, cleaning and calibration than sensors from other manufacturers.

ABB's unique Endura pH sensors have a special design to withstand poisoning and build-up found in industrial installations, they are also compatible with most brands of electronics. The Endura TBX587 targets smaller 1 inch NPT process connections found in sample lines in refineries, chemical plants, and other industrial applications.

The Endura TBX587 incorporates many design elements requested by customers into one convenient pH measurement system. The temperature compensation element has been moved to the tip of the sensor to provide response times up to 6x faster than conventional gel-filled pH sensors. An optional IP68 Vario Pin style cable connector simplifies sensor replacement without complicated wiring or terminal strips.

The mechanical design of the Endura TBX587 includes a large "T" style handle to aid in insertion and retraction into pressurized process pipelines. The new pH sensor is based on ABB's highly successful solid state, Next Step Reference design. The Next Step Reference is well designed to withstand chemical poisoning and build-up often found in strong chemical processes and slurries. 316 Stainless hardware is standard with the Endura TBX587 with options for Hastelloy and Titanium metallic fittings.

This product, combined with the popular ABB TB(X)557 low pressure retractable sensor, TB(X)564 high pressure retractable sensor, and the TB18 Safe-T-Clean valve allows ABB to address nearly any insertion style pH sensor installation.

For more information about the Endura TBX587 or any of ABB's analytical products please visit: <http://www.abb.com/analytical-instruments>.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 107,000 people.

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