PRESS RELEASE 14/11

Linear position sensors for hydraulic cylinders

Magnetostrictive LTX-series expands Turcks linear position portfolio

Muelheim, September 28, 2011 – With the new magnetostrictive LTX-linear position sensors in rod design, Turck promises optimized position detection in hydraulic cylinders. Additionally level detection can be realized with the help of optionally available float magnets. Due to their high shock- and vibration resistance the sensors can also be used in construction machines and other rough fields of application. The series completes the inductive linear position sensor portfolio about solutions for applications where a magnetic locator is needed. The LTX-series fulfills the protection category IP68 and is resistant against many chemicals and oils. The rod is made of high-quality stainless steel and offers optimal protection against aggressive process media.

The wear-free LTX-sensors provide precise measuring signals with a high linearity and repeatability. They are available with analog output (4…20 mA, 0…10 VDC) or with a high-resolution digital SSI-output. A three-colored LED at the sensor output shows the current device- and signal status at anytime. The low power input (1 Watt type) enables the direct connection to display-, control- and interface modules. The easy programmability of the LTX-sensors allows a comfortable and individual adjustment of the measuring range. For short measuring ranges, the sensor can be adjusted in the blink of an eye. Thus, the new sensors efficiently help to reduce the several device versions for different measuring ranges.

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Sensors of the LTX-series: Developed for the use in hydraulic cylinders

Text and image (300 and 72 dpi) can be downloaded on: www.turck.com/press

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