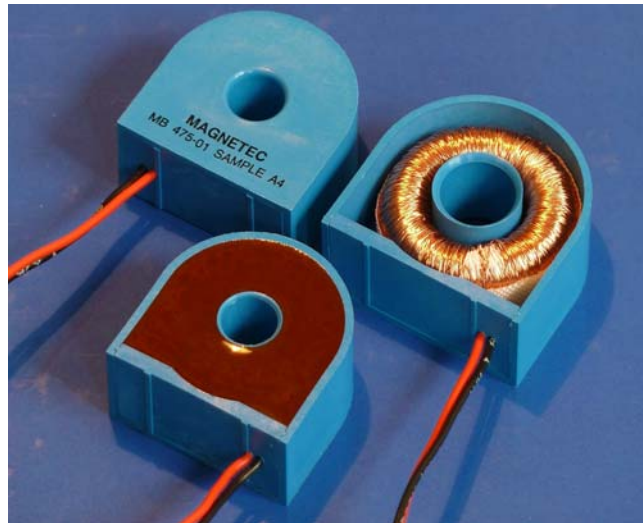


Press release electronica 2010, Munich

MAGNETEC GmbH, Langenselbold will present its new current transformers for use in electronic watt-hour meters at the electronica 2010 (from 9 - 12 Nov. in Munich, Germany). At booth 304 in Hall B6, MAGNETEC exhibits additionally to the current product line of soft magnetic cores with nanocrystalline material, this year the new series of current transformers on the basis of NANOPERM®LM. Existing and potential customers are welcome to visit the MAGNETEC booth and find out more details about the new current transformers.

Electronic watt-hour meters are increasing worldwide for many reasons especially for new electric grid infrastructure and changes in energy consumer regulations. Thereby, more and more current transformers will be used to meet the requirements of IEC or ANSI standards. The market offers a variety of solutions. Current transformers deliver big advantages in comparison to the shunt and Rogowski methods in terms of dynamics, robustness and long-term stability.



The new current transformers are working in the range from 20 A to 160 A and based on nanocrystalline cores from the alloy family **NANOPERM®LM**. The outstanding performance are a highly linear phase error which can easily be compensated by the use of modern meter-ICs. Furthermore a full dc-tolerance based on EN 62053-21 standard is a main feature of this series. The new current transformers offer unique advantages for modern electronic watt-hour meters in terms of trustful and reliable energy measurement. They exceed in many cases the requirements of the meter industry for reasonable prices. For electronic watt-hour meters, in which manipulation of measuring accuracy should be protected against external magnetic fields, MAGNETEC also offers new shielded current transformers.

More information about the products of MAGNETEC are available on the stand 304 in Hall B6 at electronica 2010 in Munich or www.magnetec.de.