November 2013

SENIS AG provides magnetic field measurement instruments, current sensors and corresponding services:

- Broad range of Analog Magnetic Transducers and Digital Teslameters with the smallest 3-axis Hall probes, very low noise and high frequency bandwidth
- Magnetic Field Scanners for testing permanent and electro-magnets
- Miniature, high sensitivity current sensors
- Clamp-on DC MicroAmmeter
- Insulation Defect Locator
- Related consultancy and engineering services, such as calibration & characterization of magnetic and current measurement instruments

Content

SENIS moved to the new office

To be able to even better serve our customers, SENIS team moved its offices and its demo room to the new address in Canton Zug:

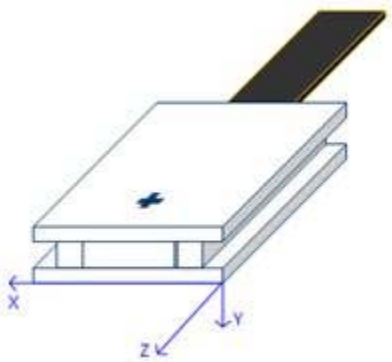
Neuhofstrasse 5a
6340 Baar (Zug), Switzerland

SENIS announces new World Record:
The thinnest ceramic Hall probe, suitable for vacuum environment and for high temperature -40°C to +155°C

Three-axis Hybrid Hall Probe 03S with discrete Hall sensors packed in a **ceramic package**.
Probe dimensions: 15.0 x 10.5 x **1.5mm**

See more: Hall Probe S

Single-axis Hybrid Hall Probe 01S with discrete Hall sensor packed in a **ceramic package**.
Probe dimensions: 8.0 x 4.0 x **0.5mm**



This package is perfectly suitable for small air gaps, undulators, current sensors, electrical machines monitoring, development of the magnetic systems, tests and quality assurance, etc.

Three-axis Fully Integrated Hall Probe in a **ceramic package**.
Probe dimensions: 8.0 x 4.0 x 1.16mm

See more: Hall Probe C

All new ceramic packages are perfectly suitable for small air gaps in a vacuum environment and for high temperature environments of -40°C to +155°C!

Another World Record coming soon: Three-axis ceramic Hall probe with thickness of less than 250µm!

SENIS announces new Magnetic Field Transducer with very high frequency bandwidth (up to 0.5 MHz)

The **I1B** is a Very High Frequency Magnetic Field-to-Voltage Transducer (up to 0.5MHz) with integrated 1-axis Hall-Coil Probe. It measures magnetic fields along the longitudinal direction of the probe system.

The Hall Probe contains a CMOS integrated circuit, which incorporates a Hall device, miniature planar coil, and temperature sensor. The integrated magnetic field sensing elements occupy very small area (250μm x 250μm), which provides very high spatial resolution of the probe.

The frequency bandwidth of this Magnetic Field Transducer is 0.5MHz.

Suitable for characterization of inductive heating, magnetic levitation applications, etc.

See more: [Very High Frequency Magentic Field Transducer I1B]

SENIS presented at BOMATEC booth at FEMAG Users Meeting in Zürich, Switzerland, Oct. 10&11, 2013

http://www.femag.de/index.php/menu-anwendertreffen

Imprint

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