

## Press release

Neuchatel, Switzerland, 23 February, 2010

### **Colibrys new MEMS accelerometer for Attitude Heading and Reference Systems (AHRS)**

**Colibrys (Switzerland) Ltd. has announced today the release of its new MS9005, a  $\pm 5g$  range MEMS accelerometer, to complement its existing family of  $\pm 2g$  and  $\pm 10g$  products targeted primarily at AHRS applications.**

Developers of AHRS using Colibrys accelerometers will benefit from this new product as an alternative to existing selection of products, which are the traditional Colibrys-MS9002 and MS9010 sensors dedicated to standard AHRS and the latest world's best open-loop RS9010 accelerometer dedicated to mid range requirements.

According to Jean-Michel Stauffer, VP Sales & Marketing at Colibrys, "the MS9005 offers optimal accelerometer performance for applications that operate in medium level vibration and shock environment but where absolute bias and scale factor stability and reduced VRE (Vibration Rectification Error) are valued. Typical examples of AHRS integrating Colibrys accelerometers are airplanes, helicopters and UAV as well as backup systems on large aircrafts and small jets. This new product strengthens Colibrys' position as the world leading supplier of MEMS accelerometers for AHRS applications"

This product benefits from the specialised knowledge and applications experience of Colibrys accelerometers in term of reliability for harsh environments and safety critical applications.

#### **About Colibrys**

Colibrys is a world-leading supplier of standard and semi-custom MEMS based motion sensors to the harsh-environments (Military, Aerospace and Energy) and safety critical (Industrial and Instrumentation) applications. Colibrys family of motion sensors includes extremely low noise and shock resistant seismic sensors, high stability high shock inertial accelerometers and DC coupled capacitive vibration sensors. Colibrys is based in Neuchâtel, Switzerland. Additional information is available at [www.colibrys.com](http://www.colibrys.com)

#### **About AHRS**

Attitude and Heading Reference Systems, better known as AHRS are three-axis multi sensors that provide heading, attitude and yaw information for aircrafts or any subject moving in free space.

#### **About MEMS Technology**

MEMS (**M**icro-**E**lectrical-**M**echanical **S**ystems) are highly miniaturized devices that integrate a number of functions including fluidics, optics, mechanics and electronics on a single silicon chip using techniques similar to traditional integrated circuit process technology. MEMS merge sensing, actuating, and computing into miniature systems that enable enhanced levels of perception, control and performance.

#### **Contacts**

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