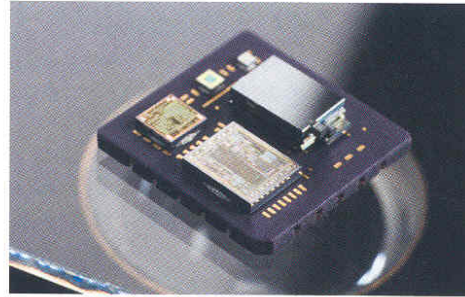


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Smart Sensing Solutions

Colibrys is a world-leading supplier of standard and semi-custom MEMS-based sensors and actuators (Microsystems) for the Harsh-Environment (Energy, Military and Aerospace), Instrumentation and Industrial markets. Its primary activity is the design, development and production of a range of innovative high performance MEMS motion sensors for selected safety critical and high potential markets.



Colibrys offers to the market a wide range of standard Silicon MEMS accelerometers compatible with harsh environment conditions such as extreme shock amplitudes, high level of vibrations and extreme temperatures or safety critical applications.

Inertia: Colibrys accelerometers are ideal where high performance over a long period of life is required. The MS8000 series, available from $\pm 2g$ to $\pm 100g$ can be combined with high shock option when required (HS8000). They are perfect products for applications such as AHRS (Altitude and Heading Reference System) or IMU (Inertial Measurement Units) required for avionic, smart munitions, UAV or missiles, as well as for terrestrial guidance application.

Vibration: Colibrys products can also be used to measure vibrations. Adequate frequency response and low signal to noise ratio allow reliable mea-

surements. Colibrys products can satisfy a multitude of applications such as HUMS (Health and Usage Monitoring System) or vibration level monitoring on aircraft, helicopters, missiles or launchers.

Seismic: Very low noise products (SiFlex™ series) can also be used for strong motion and building monitoring, perimeter security, unattended ground sensors or monitoring of nuclear non proliferation treaties.

Tilt: Thanks to their DC response, low temperature coefficient and low power consumption, MEMS accelerometers are best to measure angles with high precision.

Thanks to the inherent robustness and small size of the MEMS technology, its engineering excellence and industrial capability, Colibrys is your best partner for OEM motion sensors you will need in your applications.

Inertia



Vibration



Seismic



Tilt

