



## Energy harvesting wireless product portfolio dedicated for China

New F module series from EnOcean addresses the specific requirements of the Chinese market to strengthen and accelerate the development of energy harvesting wireless solutions in this region

### **Munich/Guangzhou, China, May 28, 2014**

EnOcean, the world leader in energy harvesting wireless technology, will introduce a new range of batteryless wireless modules particularly suited for the Chinese market at Guangzhou Electrical Building Technology (GEBT 2014, June 9-12). The F series provides a dedicated feature set matching local market requirements on price-performance ratio and allowing a faster time-to-market. With this portfolio expansion, EnOcean enables companies addressing the Chinese market to develop self-powered wireless solutions for several industries such as health care and hospital hygiene appliances, environment and smart city applications or consumer applications.

EnOcean has developed a complete platform of energy harvesting wireless solutions that offer unique benefits: they allow products to work without batteries or cables and, therefore, to be maintenance-free and particularly user-friendly. That way, the energy harvesting principle is the only technology that brings the cleantech aspect to wireless switches, sensors and actuators.

### **Set of complete solutions**

The F module series adds to the existing EnOcean portfolio of batteryless wireless solutions and communicates in the license-free frequency band at 868 MHz. It uses Frequency Shift Keying (FSK) as method of signal transmission and offers a set of complete sensor solutions and pre-programmed gateway modules. This combination perfectly matches technical features and attractive pricing for companies addressing the Chinese market who are interested in developing energy harvesting wireless solutions with minimum resources.

### **Right choice for all requirements**

Based on the new F series, companies addressing the Chinese market can now develop specific batteryless wireless applications which are attractive in price and are highly requested in the region. This includes air quality sensing, smart parking, hospital hygiene or ambient assisted living for elderly people. For building automation, manufacturers can still use the existing EnOcean portfolio in 868 MHz based on the ISO/IEC 14543-3-10 standard, which is compatible to the EnOcean Alliance ecosystem. Companies who already offer EnOcean-based products for other regions can extend their existing portfolio with a 868 MHz FSK version with only minor changes due to the modules' pin-compatibility.

"EnOcean is highly committed to its path of internationalization providing best-in-class energy harvesting wireless solutions worldwide. With the F module series, we consequently continue on this path. By offering an additional option to develop batteryless products suitable for the Chinese market, we support existing and new customers to be flexible in their product strategy. This will boost the adoption of self-powered wireless solutions in this region and encourage the development of new applications," says Matthias Poppel, Chief Operating Officer, EnOcean GmbH.

### **Product portfolio F series and workshop**

The F module series includes the following energy harvesting wireless components:

- Wireless switch modules (PTM 210F and PTM 330F)
- Wireless sensor modules (STM 329F and STM 330F)
- Gateway modules (TCM 310F, USB 300F)
- Development kit and programmer board (ETK 300F, EOP 350)

Visitors of GEBT 2014 can learn more about the F module series and energy harvesting solutions in China at the seminar and workshop "EnOcean energy harvesting wireless standard for lighting and energy efficient building controls" on June 10th, 1.30 pm to 4.30 pm, meeting room 10, Area B at China Import and Export Fair Complex.

### **About EnOcean**

EnOcean is the originator of patented energy harvesting wireless technology. Headquartered in Oberhaching, near Munich, the company manufactures and markets energy harvesting wireless modules for use in building and industrial applications as well as in further application fields such as smart home, smart metering, logistics or transport. EnOcean technology combines miniaturized energy converters with ultra-low-power electronics and robust RF communication. For 10 years, leading product manufacturers have chosen wireless modules from EnOcean to enable their system ideas. EnOcean is a promoter of the EnOcean Alliance, a consortium of companies from the world's building sector that has set itself the aim of creating innovative solutions for sustainable buildings. Self-powered wireless technology from EnOcean has been successfully deployed in more than 250,000 buildings worldwide. The EnOcean wireless protocol is standardized internationally as ISO/IEC 14543-3-10, which is optimized for wireless solutions with ultra-low power consumption and energy harvesting.

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