## **New EnOcean Bluetooth® module with doubled radio transmission power**

Expanded application areas including warehouses and high-ceiling projects

**Oberhaching, Germany, January 22, 2024 – Enabling a new era in energy-efficient lighting control, EnOcean proudly introduces the 2nd generation Bluetooth® switch module PTM 216B. This revolutionary energy harvesting module builds upon the success of its predecessor, the groundbreaking PTM 215B—the world's first energy harvesting Bluetooth® switch module. Setting industry standards for mesh network lighting control solutions, the new PTM 216B signifies a leap forward in technological innovation.**

With the new EnOcean PTM 216B module, customers can now address even more applications thanks to the use of the latest generation kinetic harvester ECO 260. The combination of the new harvester with the latest generation system design, allows for more than double the radio transmission power compared to its highly successful predecessor, the PTM 215B. This significantly increases the usable communication distance. This enhancement enables control of high-bay lighting, expanding the application areas to include warehouses and architectural projects with high ceilings. PTM 216B brings great flexibility in terms of installation locations and repositioning capabilities. In modern offices with adaptable layouts and flexible walls, the elimination of wiring significantly streamlines the installation process.

**NFC technology for quick and easy integration**

EnOcean devices such as PTM 216B can be quickly configured using Near Field Communication (NFC) technology. NFC is a short-range wireless technology that enables communication between devices in close proximity, typically within a few centimeters. It allows two devices equipped with NFC capabilities to establish a connection by bringing them close together, triggering the exchange of data. A common use is for making contactless payments.

The integration of EnOcean devices into networks via NFC provides a simple, quick and reliable way of setting up lighting installations.

* Simple: no qualifications are required to set it up.
* Quick: optimized installation time.
* Right first-time: no need to revisit a site to correct any parameters.

**Many different designs thanks to partner network**

Thanks to the extensive EnOcean partner and OEM network, energy-harvesting switches based on the PTM 216B and other EnOcean switch modules are available in a wide range of designs from multiple switch manufacturers around the world, all of which blend well into any environment. The unique combination of these features makes PTM 216B an ideal choice for lighting control and building automation use cases. Official switch OEM partners make use of the “Battery-free by EnOcean” brand to make sure it contains genuine technology from EnOcean for real maintenance-free operation in the field.

**EnOcean at Light + Building**

This new module will be featured at the EnOcean booth at Light + Building in Frankfurt from March 3-8, 2024. At the show, EnOcean will focus on sustainable IoT for green and healthy buildings. New energy harvesting products as well as IoT solutions and smart servers that help analyze the collected data and make informed decisions to optimize building performance will be at the heart of the EnOcean show presence.

**About EnOcean**

EnOcean is the pioneer of energy harvesting and sensor-to-cloud solutions for sustainable Internet of Things (IoT) applications. For more than 20 years, EnOcean has been producing maintenance-free wireless switches and sensors, which gain their energy from the surroundings – from movement, light, or temperature changes. The combination of miniaturized energy converters, ultra-low power electronics, robust radio technology, and open multi-protocol connectivity solutions based on open standards (EnOcean, Zigbee, Bluetooth®, BACnet, Modbus, LON, and IAP) forms the foundation for smart buildings, services, and production processes in the IoT. The sustainable EnOcean solutions are used in building automation, smart homes, LED lighting control, and industrial applications to optimize the CO2-footprint of buildings. EnOcean is a strong partner for more than 500 leading product manufacturers and has completed more than a million buildings worldwide.

For more information, please visit [www.enocean.com](http://www.enocean.com)

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