

# The “Newcomer”

Please note: this is a sneak preview for our new sensor solution. The official naming and product launch will be announced soon.

## Small, efficient, robust - one simple sensor for I4.0 and logistics

How many hours is this specific equipment in operation? Where is a specific lot with work in progress currently located in the factory and can it be uniquely identified with its production history? Did goods or assets experience any improper handling during process or transportation?

With built-in sensors for vibration, tilt, shock, temperature, magnetic fields and ambient light intensity, this general purpose sensor provides answers to these questions. The sensor data is acquired by a water proof and dust resistant device and reported wirelessly via bluetooth low energy (BLE v4.2). Designed as a basic feature device, our Newcomer enables wide spread use across many applications thus generating data to accomplish your I4.0 strategy based on machine learning.



### ONE PLATFORM - INFINITE POSSIBILITIES



Accelerometer



Digital light sensor



Magnetometer



Temperature sensor



Bluetooth Low Energy

### Sensing Features

- ▶ Temperature: Identify temperature changes/ drifts and configure an alert when temperature goes out of range. Sense temperature profiles for machinery to compare performances.
- ▶ Magnetometer: Identify current peaks and magnetic disturbances that may be out of range for your machine.
- ▶ Acceleration: Shock and vibrations up to 3.2 kHz. Compare mean and variance of signals in different times to identify drifts in machine behavior.
- ▶ Light: Exposure to light, log breaches in closed spaces
- ▶ Sensor housing with protection class IP67 for applications in harsh environments

### GET IN CONTACT WITH US!

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