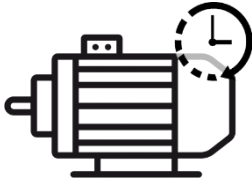




Hour meter and vibration monitoring



Possible applications:

- Hour meter tracking
- Alerts in case of breakdown of machinery
- Machine startup alerts

Overview

NaBi's vibration- and speed sensor enables the device to monitor the changes in operation time and the vibration status of a vibrating machine during operation.

To do so, the NaBi is rigidly attached to the vibrating machine with saddle clips or cable ties. For example, it can be attached to a compressor, aggregator, and a vehicle or even to a copy machine/copier (Figure 1).



Figure 1: Fixing NaBi to construction equipment or refrigerator compressor



The operating and standby conditions are individually configurable by setting time frames and the strength of the measurable vibration. This function determines what can be considered as a continuous movement or a movement outage, depending on the length and strength of the vibration.



In case of any motion state change, immediate data service and alarms or notifications (via e-mail or push notifications) can be easily set.



Vibration states, active operation hours and spatial orientation of the device can be seen graphically (Figure 2). Thus, you can make a comprehensive analysis of the daily operating hours on a weekly or even yearly basis (Figure 3). The data, which is graphically displayed is also downloadable in Excel format or it can be automatically uploaded to any IT system via standard HTTP API.

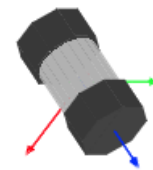
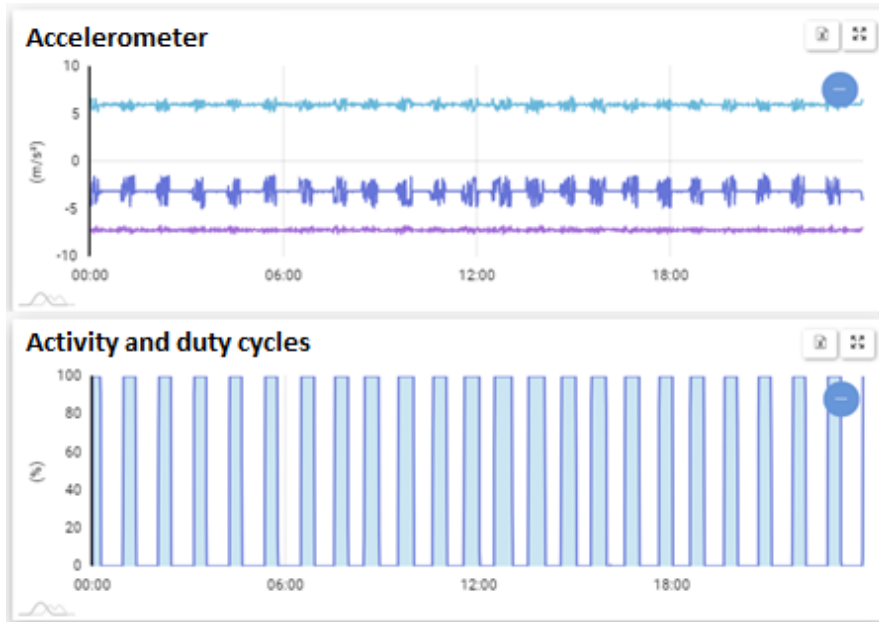


Figure 2: Graphical overview of the fixed vibrations, orientations and operating hours.

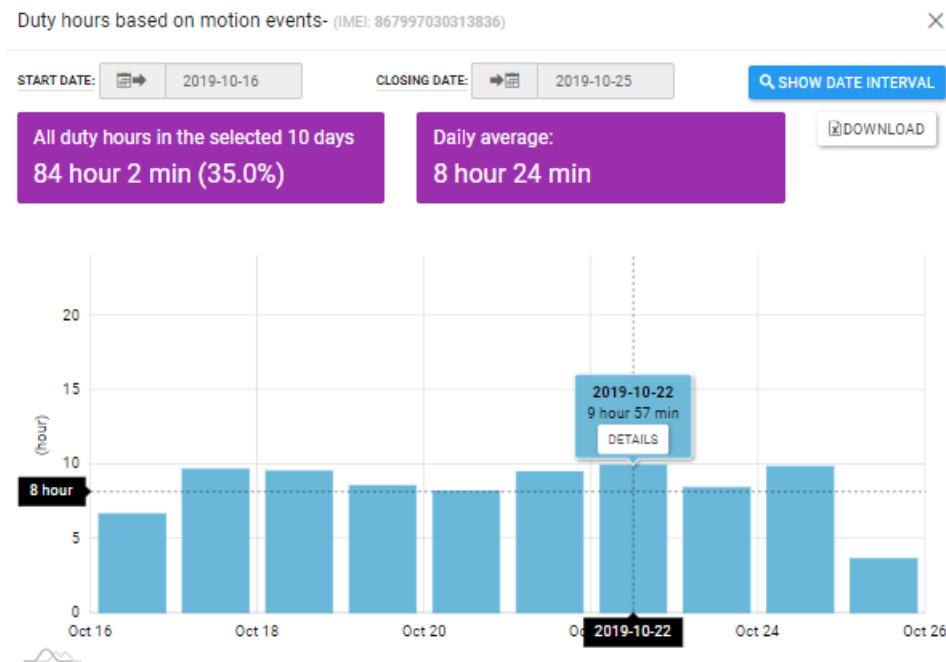


Figure 3: A daily overview of the hour meter

Find out more about the possible applications of the device – like motion tracking or temperature measurement - on the <https://www.nabitrack.com#application> website. The functions based on different sensors can be used together or separately. For instance, real-time temperature and location of refrigerated goods can be tracked simultaneously.