



AUTOMATION WIRELESS CONDITION MONITORING

METRIS VIBE

INTEGRATIVE SOLUTION

Metris Vibe is a wireless vibration and temperature sensor for periodically monitoring the health status of mechanical equipment, regardless of the manufacturer. It provides data via Bluetooth Low Energy (BLE) either to a mobile device or an industrial gateway that is connected to the Metris UX digitalization platform. This platform combines a complete

set of functionalities for professional production management, simulation and optimization.

PREDICTIVE MAINTENANCE

By providing meaningful information about each asset, the sensor can be used to increase productivity, efficiency and reliability, and even plan shutdowns more effectively.

Proper, well-timed maintenance increases the lifetime of assets and product quality, and therefore significantly reduces the overall investment required.

By transmitting the acquired vibration raw data instead of just predefined characteristic values, Metris Vibe offers the opportunity of sophisticated vibration analysis even for vibration experts.

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ENGINEERED SUCCESS

Integrative solution for condition monitoring

Metris Vibe is available in two versions. One which is fully encapsulated and ATEX certified, and another version which has an exchangeable battery. This allows the selection of a sensor that ideally fits the environmental conditions and requirements on site.


COMMON TECHNICAL DATA

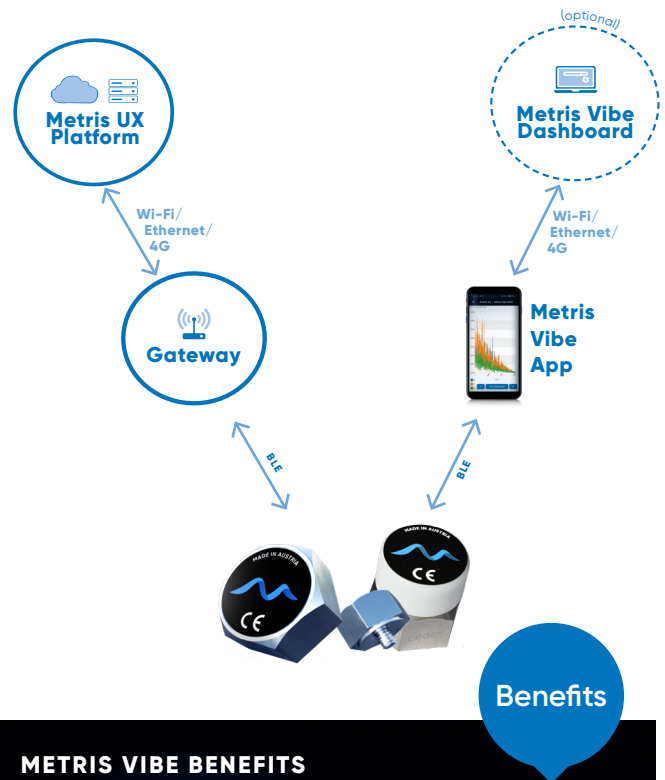
Analysis frequency bandwidth: up to 12,800 Hz
Frequency resolution: down to 200 mHz
Measurement ranges: ± 8 g, ± 16 g, ± 32 g
RF communication: 2.4 GHz low power, BLE
MCU: Ultra-low power consumption Arm® Cortex®
Firmware: Wireless update possible
Mounting orientation: all orientations
Mounting / system connection: M8 x 1.25 thread
(magnetic and adhesive mounting possible)
Operating temperature: -40 °C to 85 °C

METRIS VIBE

Dimensions: Ø 34.6 mm x 38 mm
Weight: 65 g
Battery: exchangeable
EN 60529 protection: IP67

METRIS VIBE EX

Dimensions: Ø 34.6 mm x 24 mm
Weight: 60 g
Battery lifetime: up to 3 years (depending on settings)
EN 60529 protection: IP 69K
Further certification: ATEX 



METRIS VIBE BENEFITS

- Enables long-term cost savings
- Easy to install
- First indication of machine health
- Wireless connection
- Transmission of raw data
- Battery life up to three years
- Exchangeable battery
- Interface to Metris UX
- App for Android and iOS devices

Download
Metris Vibe
app from
here:



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