

Continuous vibration and temperature monitoring sensor
Vibrations: Acceleration and speed
Compatible with DSP Machinery Control diagnostic software
Configuration via Wi-Fi
Connectivity via GateWay



Ideal solution for permanent monitoring of industrial drives, ensuring excellent operating levels of electric motors and other machines through advanced analysis.

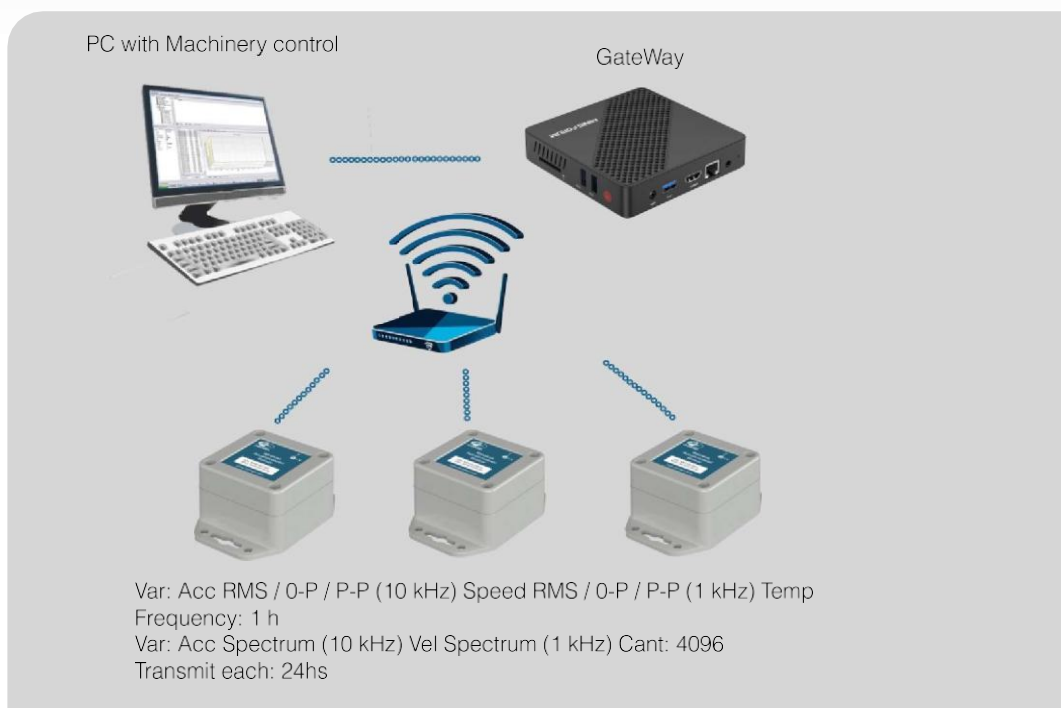
Connectivity for monitoring the status of equipment

Regularly monitors equipment data by diagnosing any faults, using vibration analysis and temperature control. Information is collected and sent to the gateway via a Wi-Fi network. The stored data is analysed by the Machinery Control software.

Benefits

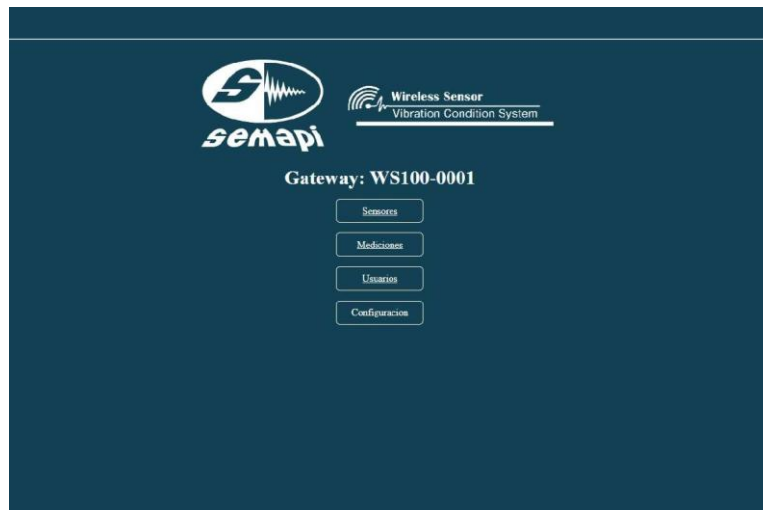
- Reduces unscheduled downtime
- Optimization of routine maintenance
- Increases the efficiency of equipment

Configuration of access point in office



On-site configuration via WiFi

The sensor will be configured "on line" from a smartphone or tablet, entering a web server in the gateway. From there, all the sensors in the network can be observed. The fields "Equipment" and "Point" of each sensor must be filled in as mandatory, leaving the field "Description" optional.



Technical functions.

Function	Condition monitoring
Application	Industrial rotating equipment
Power supply	Non-rechargeable Li-Ion battery
Duration	TBD
Connectivity	Wi-Fi
Monitoring variables)	Acceleration (Fmax =10 kHz Velocity (Fmax = 1 kHz) Temperature
Sensor type	Triaxial, configurable range +/-8G, +/-16G, +/-32G, +/-64G
Measurement frequency	Acceleration and Velocity RMS/0-P/P-P = 1 hour Acceleration and Velocity (4096 samples) = 24 hours Temperature = 1 hour
Data transmission frequency	24 hours
Housing	
Protection rating	IP
Dimensions	

Control and analysis system DSP Machinery Control



The DSP Machinery Control software is designed for organizing and visualization measurements in a simple way determining the status of each machine. The DSP Machinery Control has plenty of diagnostic tools that ensure the early detection of electric and mechanical failures. The entire line of field meters and analyzers are fully compatible with this software allowing in a single database to manage all the measurements.

Compatible equipment with:



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