ePapyrus MotorSense Node User Guide

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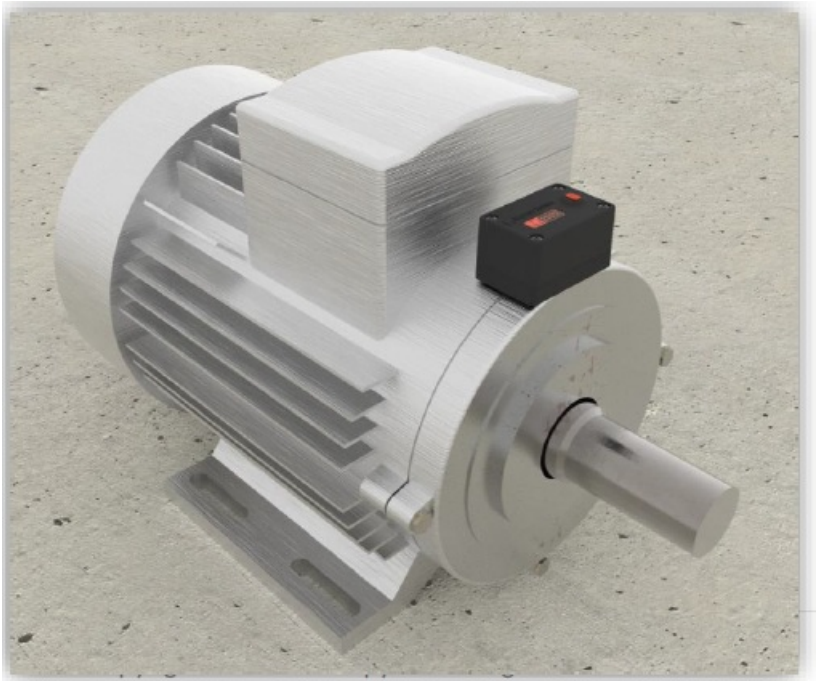
MotorSense Node User Guide

MotorSense Node is the industrial IoT device to estimate the condition and lifespan of your motors and facility using vibration data. This device is completely wireless including a battery and Wi-Fi communication so that users can just put this device in their factory

To use this device



1. Make sure the pre-defined Wi-Fi is configured and available
2. Locate this device to motor, gearbox and so on
3. Attach the device to this location using epoxy or epoxy-putty.
4. Push the button on the top of the device to wake it up

Specification

- **Wi-Fi**: 2.4GHz (802.11b/g/n)
- **Battery:** CR123 A Lithium 1,550mAh 3V battery
- **Operating Temperature:** -40℃ to 70 ℃
- **Sensor :** 3-Axis MEMS accelerometer
- **Sampling Frequency :** 3.2kHz
- **Frequency Response** : 1.0kHz
- **Battery Life** : 3 years

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FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this
device must accept any interference received, including interference that may cause undesired operation.

FCC Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide
reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed
and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a
particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the
user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter
must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum
distance 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference,
and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Industry Canada Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum
distance 20 cm between the radiator & your body.

Documents / Resources

	ePapyrus MotorSense Node [pdf] User Guide VW14A, 2AWFZVW14A, MotorSense Node, MotorSense, Node

References

- MotorSense(■■■■) - ■■ ■■ ■■ ■■■