

ERBESSD INSTRUMENTS®

PHANTOM

General Purpose Sensor

PHANTOM, the best wireless condition monitoring system worldwide.



The signal from the Phantom sensors is encrypted which ensures the reliability of the information and the security of your data.



With the General Purpose Phantom you can adapt the data collection to your specific needs. Take **any 2Vpp sensor** and make it wireless.



TECHNICAL SPECIFICATIONS

MEASUREMENT

Part Number:

EPH-G60

Input Range:

2 volts peak-to-peak

Inputs:

2 channels

Status:

Battery, internal temperature and voltage value

Data Receiving Interval:

(Not configurable)
Every 720 minutes

Internal Temperature Accuracy:

±5°C

POWER SUPPLY

Battery Lifetime:

12,000 measurements
Standby Mode if Gateway not detected

Main Power Supply:

2 AAA 1.5V Batteries (Replaceable)

CONNECTIVITY AND SOFTWARE

Wireless Protocol:

Bluetooth BLE 5.0 /
Modbus via Gateway

Signal Strength Range:

-90dBm to -30dBm

Power Output Range:

-4dBm to +8dBm
(Configurable)

Contains FCC ID:

X8WBT840

Wireless Range:

100m line sight

Operating Frequency:

2.4GHz

DIMENSIONS

Dimensions:

100mm x 77mm x 26mm

Weight:

138 g

Base Temperature Range:

-40 to +80 °C
(-40 to +176 °F)

Material:

Nylamid / Aluminum

Protection Rating:

Water and dust resistant (IP67)

ACCESSORIES



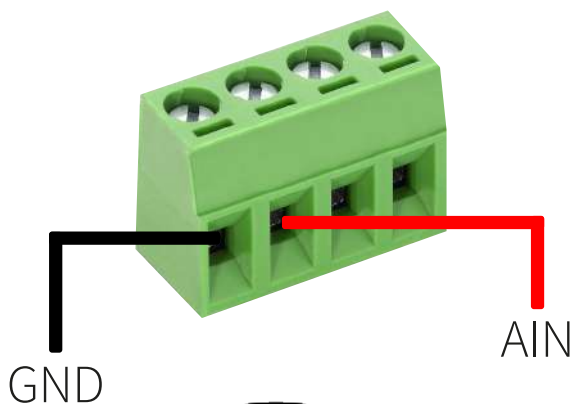
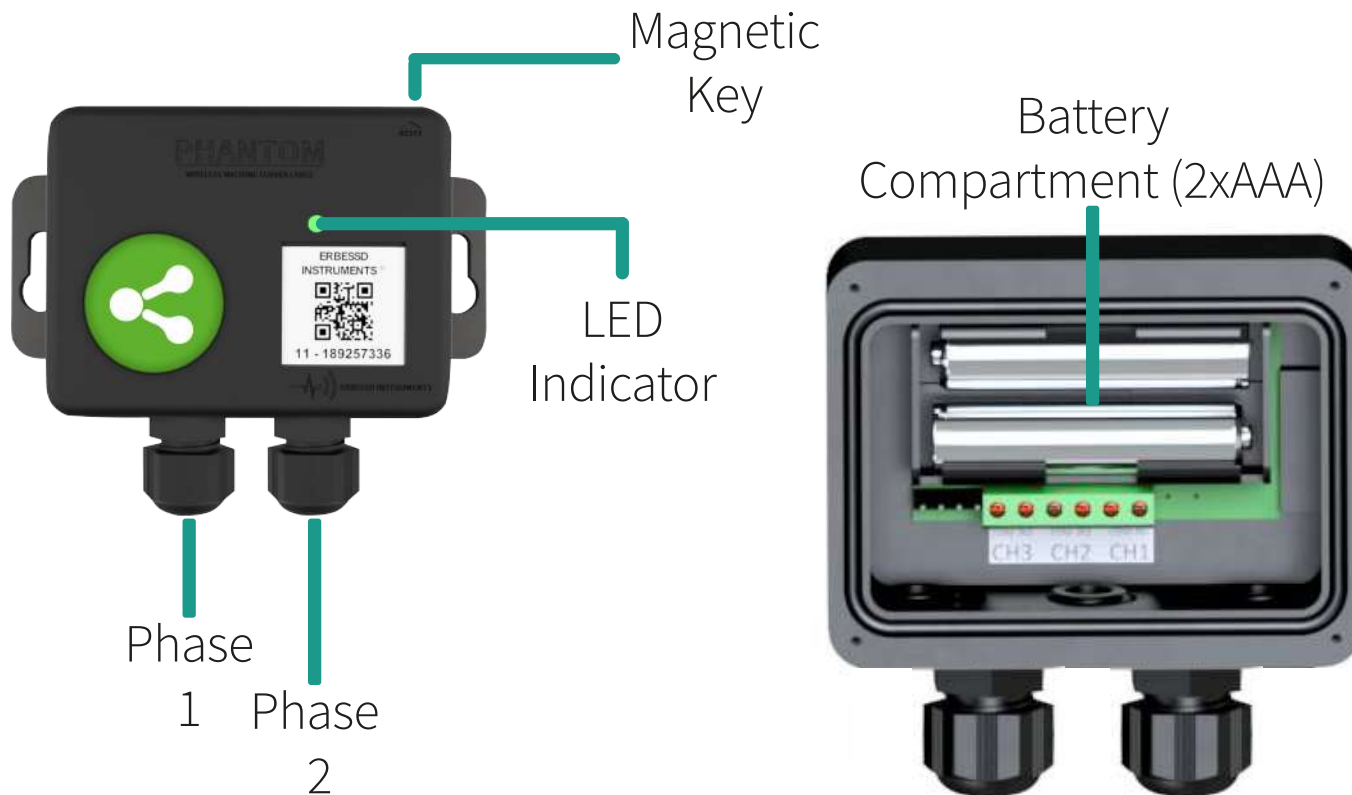
The General Purpose wireless sensors are able to monitor virtually **any type of signal** and is compatible with other kind of sensors.

Any sensor with **2 Vpp** output is compatible with the General Purpose Phantom sensor.

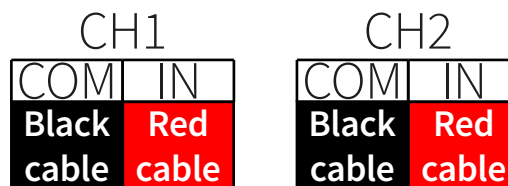
CERTIFICATIONS



QUICK GUIDE



CONNECTION DIAGRAM



Analyze and visualize the data of machines with

DigivibeMX®



Access to your information in an easy way trough your browser or DigivibeMX.

Phantom sensors are compatible with communication protocols:



(using Gateway 2.0)

MEET THE PHANTOM FAMILY

Phantom Expert Gen 3 & ATEX

Our popular triaxial vibration sensor. It is able to send 3 simultaneous FFT and time waveform recordings. Available in **High Sensitivity, High Range** and **ATEX**.



Phantom Thermocouple & Phantom Infrared

Have a better control of your machines' temperature. You can connect up to 3 thermocouple sensors or acquire the **infrared** temperature sensor so you can monitor with extreme precision.



Phantom RPM

With the RPM sensor you can easily analyze the revolutions per minute of any rotor, turbine or vent with incredible precision with a switching speed of 600kRPM.



Phantom Current

The Phantom current module allows you to measure up to 4 amperage channels with clamps that start with 50 amp and go to 500 amp.



Phantom All in One

Obtain the reliability of three sensors in only one Phantom module; vibration, temperature and current. Complete condition monitoring all in one.



Phantom Thermographic Camera

With the Phantom thermal camera you can take infrared images of surfaces or objects at a distance of no more than 1m. Use DigivibeMX to create trends at different points of these captures.



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