

# PHANTOM®

RPM SENSOR

CERTIFICATIONS





**PHANTOM**, the best wireless condition monitoring system worldwide. With the **RPM** sensor you can easily analyze the revolutions per minute of any rotor, turbine or vent with incredible precision.

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

### MEASUREMENT

Product code	EPH-S40
Sensor	Hall effect sensor
Switching speed	600 kRPM
Active distance	5 mm to 15 mm
Status	Battery, internal temperature and RPM value
Data receiving interval	Min: 1 min - Max: 120 min

### POWER SUPPLY

Battery lifetime	12,000 measurements
Main power supply	3.5 VDC / 1.5 A (2xAA batteries) 5-24 VDC / 1A (external power supply)

### CONNECTIVITY AND SOFTWARE

Wireless protocol	Bluetooth BLE 5.0
Operating frequency	2.4 GHz
Transmission power	±8 dBm
Signal strength range	-90 dBm to -30 dBm
Power output range	-4 dBm to +8 dBm (configurable)
Devices compatibility	iOS and Android devices (WISER VIBE & PHANTOM™ Manager) and PHANTOM™ Gateway
Software compatibility	DigivibeMX 11 M30 & PHANTOM™ Version / PHANTOM™ Manager and WiSER VIBE
Operating distance	100m Line of sight*
Contains FCC ID	X8WBT840

### DIMENSIONS AND FIXTURE

Dimensions (h x w)	125 mm x 100 mm x 37 mm
Protection grade	IP67
Weight	500 grams
Housing material	ABS, stainless steel

### ENVIRONMENTAL CONDITIONS

Operating temperature	-40 °C to 80 °C (40 °F to 176 °F)
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