

# WA102-1A Series

Wireless Transmitter for Dynamic Acceleration



PROTECTION & RELIABILITY INSTRUMENTS

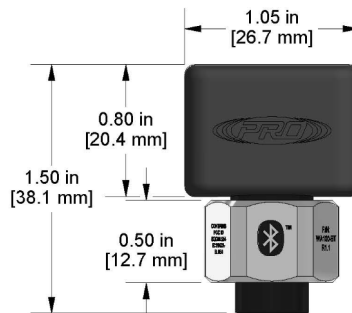


## Product Features

Bluetooth Compatible

Molded for Industrial Environment Protection

- ▶ 150 ft. Maximum Line of Sight Range
- ▶ Fully Molded Design with Integrated Battery, IP67
- ▶ Low Cost



## Specifications

Material	Polyamide
Temperature Range	-4 to 185°F (-20 to 85°C)
Input Channels	1 Dynamic Vibration
Power	Integrated Battery
Sensor Supply Voltage	3.3V
Maximum Sampling Rate	40,000 samples/sec
Filtering	Hardware (HW) 3rd Order Low Pass Filter, Digital Noise Reduction
Wireless Communication	BLE 5.0
Data Collected	Time Waveform
Compatible Sensors	AC312, AC314

## Data Acquisition

- ▶ WA102-1A transmitter will provide power and record signal from CTC low power sensors
- ▶ Recorded samples are configurable for size (length), sampling rate and noise reduction
- ▶ Estimated 4+ years of battery life when taking 2 or fewer scheduled measurements daily at room temperature
- ▶ WA102-1A records sample and transfers time waveform data to the BLE receiver (i.e. Laptop/Tablet) upon request. Sampling intervals are configured by customers within the BLE receiver.

## Regulatory Approvals



Industry  
Canada

MIC

RCM

SIG

Lifetime Warranty on Materials & Workmanship

[www.ctconline.com](http://www.ctconline.com) | [sales@ctconline.com](mailto:sales@ctconline.com) | 585-924-5900