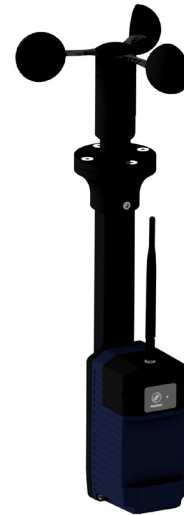


# APEX WSS-W3

## Wireless windspeed sensor



APEX WSS-W3

### Applications

- Mobile cranes
- Lifting applications

### Special Features

- FCC approval
- Wireless transmission of measured windspeed
- Wireless connection with various APEX components
- License-free operation
- Connection of sensor via push button
- Integrated wireless transmitter
- Metal cups
- Battery monitoring
- IP66 Protection class
- Long transmission range
- Long battery life
- Easy pairing / installation

### Description

The APEX WSS-W3 is a windspeed sensor for wireless connection to the APEX TRS 30-W3 gateway and APEX SAI 33-W3 standalone indicator. The longevity of the battery life is achieved through special power saving techniques.

Windspeed can be measured as mph, km/h, or m/s. The frequency of the transmitted measured value can be configured to the requirements of the application.

Mounting hardware available upon request.



The APEX family of wireless equipment is designed for use in mobile machinery. The applications range from anti-two block (A2B) switches, to windspeed measurement, as well as angle and force measurement.

# Technical Specifications

APEX WSS-W3	
Part number	83901815
Power supply	3.6V Lithium ion battery
Battery life	1,3 year <sup>1</sup>
Frequency range	902 – 928 MHz modulation: OQPSK DSSS license-free
Antenna	915 MHz RP-SMA
Antenna connection	RP-SMA
Range	1400m (4539ft) <sup>2</sup>
Electrical connection	M12 /8P male A-coded
Control elements	1 pairing button, 4 LEDs
FCC conformity	N4TWMC915R1
ISEC ID	3196A-WMC915R1
Dimension	468,4 x 200 x 200 mm
Weight	2,4 kg
Operating temperature range	-40°C..+70°C
Storage temperature range	-40°C..+85°C
Protection class	IP66

<sup>1</sup> using the 19Ah battery with a duty cycle of 33% and at 20°C

<sup>2</sup> Open field, direct line of sight

## Dimensions

