

Wireless Vibration Sensor ANTS1002

Key Features

- Robust Electronic Sensing solution
- Global Remote Monitoring
- Temperature and Vibration Monitoring
- Low Power Wireless Sensing with up to 5 Years Battery Life

Key Benefits

- Reduce Downtime and increase Efficiency
- Proactive Maintenance
- Improve Safety
- Reduce Maintenance costs



Measurement		Physical	
Temperature Measurement Range	-40 to 80°C (-40 to +176 °F)	Dimensions	See Drawings
Temperature Measurement Accuracy	±2 °C	Weight	225g
Vibration Axis	3 (X, Y, Z)	Material	Thermoplastic (Lid), Nickel Plated Steel (Base)
Vibration Velocity Frequency Range	5Hz to 3KHz	Mounting	Magnetic (other options available)
Vibration Velocity Accuracy	±5%	Environmental	
Vibration Velocity Range	0.1 to 500mm/s	Operating Temperature	-40 to 80°C (-40 to +176 °F)
Vibration Acceleration Range	±16g pk	Sealing	IP69K
Vibration Acceleration Resolution	0.1%	Shock	1000g
Communication			
Transmission Rate	Programmable Interval (30s to 1Hour)		
Transmission Range	100m (depends on actual site)		
Frequency Band	433MHZ (ISM band)		
Power			
Battery	Non-Replaceable 3V Lithium Coin Cell		
Battery Life	Up to 5 years (depends on Temperature, sampling frequency, transmission rate)		

