

# PACED-2305

PACED-2305 is a wireless, compact device engineered for real-time monitoring of rotary equipment in industrial settings. Utilizing advanced accelerometer technology, it detects vibrations and acceleration changes in machinery, providing instantaneous operational insights and enabling real-time data accrual.



PACED-2305 provides a holistic approach to improve the reliability, efficiency, and safety of rotary equipment. Through leveraging data analytics and IoT connectivity, it enables organizations to shift from reactive to proactive maintenance strategies, resulting in cost savings and operational excellence.

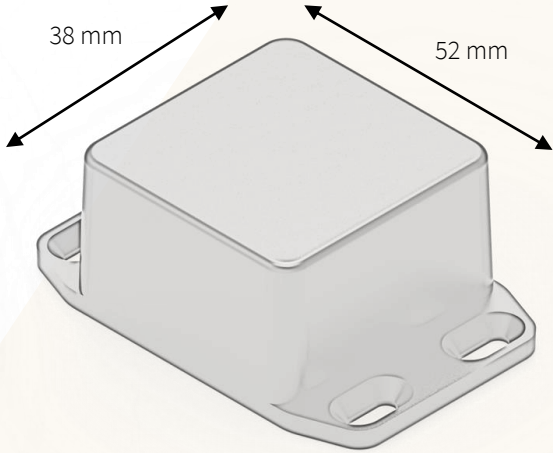
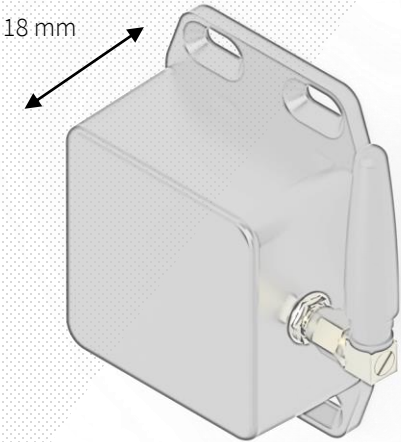
## FUNCTIONAL SPECIFICATION

Condition and Equipment Monitoring	Advanced accelerometer technology enables precise detection of vibrations and acceleration changes in rotary equipment.
Wireless Connectivity (Options)	LoRaWAN: Enables long-range, low-power communication for remote monitoring. Wi-Fi: Facilitates high-speed data transmission within local networks. LTE: Utilizes cellular networks for broad coverage and reliable data transmission.
Compliance	Designed to meet industry standards and regulatory requirements for safety and performance
Secure Data Transmission	Implements robust security protocols to protect sensitive data during transmission and storage.

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## PRODUCT SPECIFICATION

Sensor Type	High-Sensitivity accelerometer for vibration and acceleration detection
Mounting Method	Magnetic mounting Bolt-on or adhesive mounting
Accelerometer Frequency Range	X,Y,Z Axis. Wide frequency range coverage from 10 Hz to 1000 Hz for comprehensive monitoring.
Connectivity [Options]	LoRaWAN: Frequency range AU 915-928 (MHz) for long-range, low-power communication.  WiFi: IEEE 802.11 standard for local network connectivity.  LTE: Supports various LTE bands for cellular network communication
Data Transmission Protocol	Utilizes MQTT for secure and efficient data transmission.
Power Supply	1.5V LR1 Battery *2pcs (Not included)



equipment specification sheet