

WIRELESS VIBRATION & TEMPERATURE MONITORING

Predictive Maintenance & Condition Monitoring

AS SIMPLE AS YOUR CHECK ENGINE LIGHT

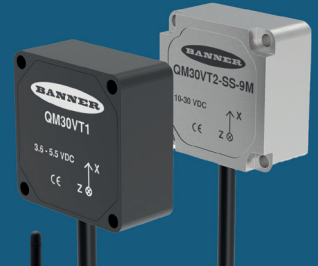
Predictive maintenance enhances your ability to accurately anticipate when machine maintenance will be needed. Using real-time data from the machines themselves, failures can be anticipated before they occur to help you improve productivity and reduce wasted time and costs.



Measure & Collect

Wireless Vibration, Temperature & Current Monitoring

- IP67 & IP69K Sensors
- Battery-Powered Sensors



Transmit

IIOT Gateway/Controller Solution Kits

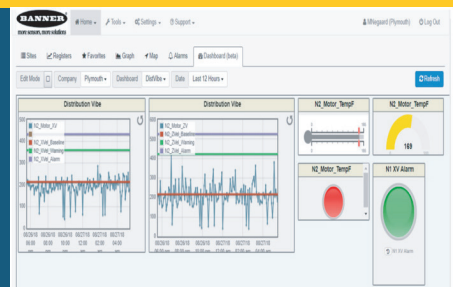
- Wireless data transfer from Sensors to Controller
- Machine Learning Algorithm



Distribute

Connected data solutions

- Data is pulled from the controller via cellular or Ethernet & Stored in a SCADA or Cloud Platform



Alert & Consumption

View & analyse data via dashboards & create alerts

- Early detection & alerts allow planned, preventative maintenance



Kempston Controls

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Why should I monitor my Application's Vibrations & Temperature?

Detecting abnormal vibrations and temperatures at an early stage allows you to reduce damage to components, avoid breakdowns and reduce costs.

By Condition Base Monitoring, you can:

- Reduce downtime
- Use predictive maintenance programs
- Schedule maintenance more efficiently
- Monitor machine run time (for statistics)



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Vibration & Temperature Monitoring Starter Kit

Available from Kempston Controls, Turck Banner's cost-effective Vibration & Temperature Monitoring Starter Kit is ideal for anyone wanting to integrate IIoT into a range of applications.

The Starter Kit makes it easy to monitor machine vibration and temperature throughout an application.

- IP67-rated DXM1200-B1R3 Wireless Gateway
- Banner Cloud Platform for analysis and alerts
- Supports Cellular Data to ensure constant connectivity
- Compact housing contains battery-powered sensors & wireless node for an easy installation
- Connect as many as 40 sensor nodes

Includes:

- DXM1200 - B1R3 Wireless Gateway
- QM30VT1 - Vibration & Temperature Sensor
- DX80N2Q45VTP - Wireless Node
- BWA-BK-013 - Bracket
- SXI-GSM-001 - Gateway GSM Modem card
- PSW-24-1 - Power Supply for gateway
- 3 Months Banner Cloud



I'm interested, what next?

As each application is different, we'd suggest a call with our expert technical team who will discuss your needs and arrange the next steps, whether that be a starter set, or a Covid-Secure visit to provide a tailored quote.

Get in touch with expert technical team today on 01933 411411 or alternatively email us at sales@kempstoncontrols.co.uk to discuss your needs.