

Challenge

Reduce unplanned downtime by continuously monitoring machine health. The QM30VT Vibration and Temperature Sensor detects small changes in machine performance to identify and predict potential failure caused by early bearing wear, unbalance, or misalignment. Paired with a Sure Cross Wireless radio, the QM30VT becomes the ultimate predictive maintenance tool for wireless vibration and temperature monitoring. The QM30VT Vibration and Temperature Sensor replaces the QM42VT series.

Banner Wireless Value

- **Easy to Use:** Output actionable data such as RMS Velocity, RMS High Frequency Acceleration, Peak Velocity, etc., which is pre-processed from the vibration waveforms in the sensor
- **Simple and Powerful:** Provides high accuracy vibration and temperature measurements with dual axis vibration detection up to 4 KHz bandwidth
- **Peel and Stick:** Compact housing, nearly 50% smaller than the QM42, connects easily to battery-powered Nodes that can be deployed in hard-to-reach and tight locations
- **Compatible:** QM30VT1 is compatible with the Banner Wireless Solutions Kit for Vibration Monitoring
- **Reduced Complexity:** Machine or process reconfiguration made easier; great for retrofit applications
- **Industrial Internet of Things:** Pair with a wireless Node and a DXM Gateway for remote monitoring through a local network or the Cloud.



Banner QM30VT Vibration and Temperature Sensors

Monitor vibration and temperature with compact QM30VT sensors

- QM30VT Series replaces the QM42VT Series
- The smaller, compact housing fits in tight locations, increases surface contact with machines, and reduces resonance
- Thin, flexible cable and easy-to-use brackets simplify installation
- Industrial grade sensors with sealed aluminum (IP67) or stainless steel (IP69K) housings
- QM30VT1 sensor compatible with the Vibrations Solutions Kit

Key Monitoring Applications

- Rotating Asset Health
- Bearing Health
- Pump cavitation
- Rotor unbalance
- Misalignment
- Loose or worn components
- Improperly driven components
- Improper mounting

Model Number	Description
QM30VT1	Vibration and temperature sensor with 1-wire serial interface; sealed aluminum housing, 3 m cable with a quick disconnect
QM30VT2	Vibration and temperature sensor that functions as a modbus slave device via RS-485; sealed aluminum housing, 3 m cable with a quick disconnect
QM30VT2-SS-9M	Vibration and temperature sensor with stainless steel housing that functions as a Modbus slave device via RS-485; 9 m cable with flying leads