Wilcoxon
SENSING TECHNOLOGIES

Aerospace
Energy
Measurement

Pump monitoring guide

Key indicators of pump health

- Balance
- Alignment
- Cavitation
- Vane pass frequency
- Bearing health

4 common reasons pumps fail

- Impeller wear
- Insufficient lubrication
- Improper sizing
- Seal wear

Protect your pumps

- Identify early faults
- Pump cavitation – detect and correct process
- Extend equipment life
- Cost-effective predictive maintenance
- Minimize lost production time
- Ensure maximum efficiency of plant operations

Pumps are crucial components of many processes across most industrial applications. Vibration monitoring is a cost-effective way to maintain pump and overall machine health, minimize downtime and reduce operating costs.

Recommended monitoring solutions

Consideration	Solution	Product
Pump cavitation	High frequency sensor	786A PC420-ATP iT300
Underwater pumps	Watertight sensor	786F 786/R6Q connector
Contamination, misalignment, bearing failure	Dynamic vibration monitoring	786A 786A and iT300

Ideal markets and applications

•Oil and gas
•Power generation
•Pulp and paper mills
•Steel mills
•Food processing
•Plastic manufacturing

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