

company

case study

Kjaerulf Pedersen Partner with a Danish Water Treatment Plant

Kjaerulf Pedersen is collaborating with a Danish Water Treatment Plant to detect pressure surges and improved network understanding through data. KP contributes to the project with advanced vibration measurement.

The goal is a more detailed picture of pressure surges, improving leak detection and identifying surge-related network behavior. Sensor data combined enables harmonic analysis and better preparedness.



KPV200



Objectives

The project aims to develop improved pump control, focusing on reducing pressure surges during operation.

New vibration sensors will be installed for monitoring, providing better insights into system behavior patterns.

This enables detection of leaks and surge reflections, by merging pump and network data for analysis.



Solutions

The Danish Water Treatment Plant has selected the KPV200, an intelligent vibration sensor solution.

It transforms raw data into FFT data, enabling filtering before cloud upload. Learning curves define relevant signal patterns.