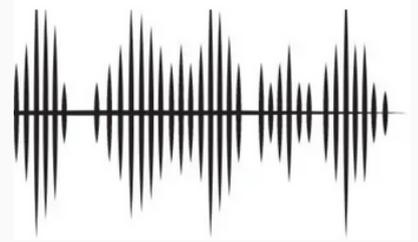


LYCA



Very high electromagnetic immunity
Vibration Protection System for rotating machine

Suitable for 10 to 1500 rpm systems
Compliant with ISO 20816-5 standard
Digitally controlled
Standard proximity sensors
Radial and longitudinal measurement
Orbital and FFT analysis



Application

Wind power turbine

Hydro-electric turbines

Ship motors

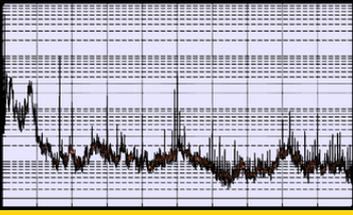
Petrol and oil pumping systems

Rx-Tx
Demanding automatism

5G

Designed by





LYCA

Features



Very high electromagnetic immunity (designed for use in substations and generating plants)

Direct measurement of the vibration source

Reliability: FFT and Orbit realtime analysis

Precision: $< 1 \mu\text{m}$

Low frequency from 1/3 time the fundamental rotation speed

Shaft shifting measurement (or Accelerometer bearing sensor)

Safety: interviewable internal autocontrols and Watch Dog

Stability of measurements

Ease of use (configuration by web server)

Multiple outputs: 10 static relays, 4-20 mA loop, 0-10V, Ethernet, RS485, ModBus

IP67 "Marine" version (Black box) | NEMA 4,4X

