

LYCA

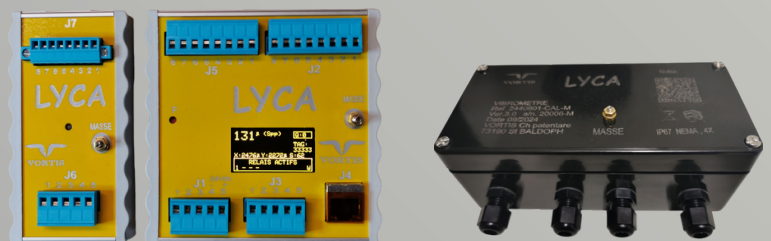


Very high electromagnetic immunity
Vibration Protection System for rotating machine

- 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



requested specifications



Application

Wind power turbine

Hydro-electric turbines

Ship motors

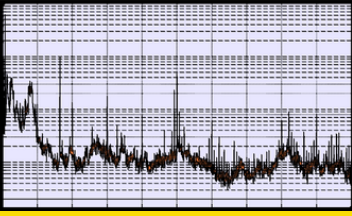
Petrol and oil pumping systems

RxTx
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

Dynamics: 0 to 1500 RPM

Reliability: FFT and Orbit realtime analysis

Precision: < 1 μm

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

