

TAC

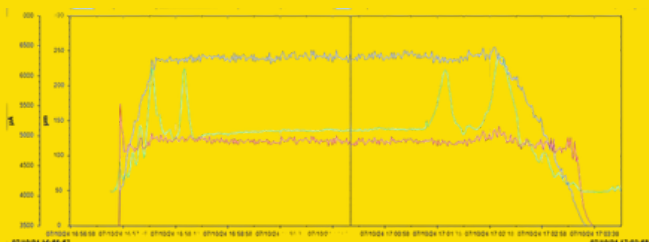
Faster Lab 

Very high electromagnetic immunity Tachometers

- Digital self-adaptive precision measurement chain
- Embedded web-server
- Rotating speed, direction and angle of rotation
- Standard sensors
- Standard and marine versions



requested
specifications



Application

Wind power turbine

Hydro-electric turbines

Ship motors

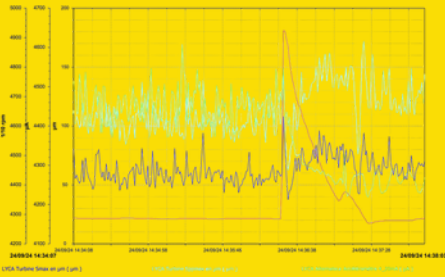
Petrol and oil pumping systems

RxTx
Demanding automatism

Designed by



TAC Features



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

Detection of the direction of rotation

Ultra slow speed measurement: from 1 top/min to 24000 tops/min

High angle measurement resolution (when with 2 sensors): $< 0.1^\circ$ | Depending on teeth number

Reliability: Self-adaptative teeth recognition algorithm

Precision: 0.01% FS

Ability to reconstruct missing teeth and rejection of "false tops"

Safety: interviewable internal autocontrols and Watch Dog

Real-time quality indicators

Ease of use (setup by internal web server)

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

IP67 Marine version (NEMA 4,4X)

