



Gearbox oil tank in a wind turbine

Reliable

Media-independent switching point

Cost effective

Protection against wear through continuous oil lubrication

User friendly

Compact dimensions allow easy integration into any system

Oil tank point level detection in the rotor gearbox

In wind turbines, efficiency has top priority: the higher the availability of a turbine, the higher the profitability and the faster the investment pays off. Wind power is transferred from the turbine to the generator via a rotor gearbox. Full lubrication of all moving parts ensures a long service life and high availability of the wind turbine, thus making it essential for the oil level in the rotor gearbox to be constantly and reliably monitored.



VEGASWING 51

Dry run protection with vibrating level switch in the oil tank of a rotor gearbox

- Media-independent switching point guarantees high dependability
- Fast setup and commissioning, because adjustment requires no medium
- Compact instrument dimensions allow easy installation



VEGASWING 51

Measuring range - Distance

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Process temperature

-40 ... 150 °C

Process pressure

-1 ... 64 bar

Version

Standard

Extended temperature range

Hygienic applications

Materials, wetted parts

316L

Threaded connection

≥ G½, ≥ ½ NPT

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852

Slotted nut ≥ DN25 - DIN 11851

hygienic fitting F40 with compression nut

SMS DN38

Seal material

no media contact

Housing material

Plastic

Stainless steel

Protection rating

IP67

IP65

IP68 (0,2 bar)