



Wind Energy

BLADEcontrol® – more transparency for maximum return

Rotor blade condition monitoring for higher availability and optimum efficiency

BLADEcontrol® is the pioneer in rotor blade monitoring. The well-known condition monitoring system increases turbine availability, reduces downtimes, and ensures optimum efficiency. With broad knowledge and many years of experience in the wind power industry, we bring transparency to your plant to increase cost efficiency, revenue, and plant safety. In this way, you improve efficiency and reduce your risks in the long term.

Highly sensitive sensor technology – directly on the rotor blade

BLADEcontrol® continuously records the condition of each individual rotor blade and detects even the smallest changes. The risk of expensive repairs is reduced and the economic efficiency of the entire wind turbine increases.

The benefits of BLADEcontrol® for you

- Damage Detection / Prevention
- Ice Detection
- Alarm / Alert Triggers for Notification of Anomalous Conditions
- Reduced Maintenance and Service Costs
- Optimization of Assets
- Improved Economic Efficiency



BLADEcontrol[®]
CONDITION MONITORING SYSTEM

Effectively reducing repair and replacement costs

Early damage detection thanks to BLADEcontrol[®]



Condition Monitoring

BLADEcontrol[®] supports you in detecting even the smallest damage to the rotor blade at an early stage - e.g. blade tip damage caused by lightning strikes, trailing edge cracks, web separation, or blade bearing damage. We will gladly present the possibilities to you.

Operation optimization

BLADEcontrol[®] guarantees a reduction in unplanned downtimes as well as the safe and efficient operation of your systems. Operating deviations such as imbalances and overloads can also be reliably detected.

Ice detection

BLADEcontrol[®] means reliable ice detection. The highly sensitive system protects against ice throw and automatically restarts the system after defrosting in accordance with certification. BLADEcontrol[®] enables web-based condition monitoring and stores measurement data for later evaluation.

Want to learn more about our wind energy solutions and BLADEcontrol[®] ?

Contact your local Weidmüller salesperson today!

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