



LTN – FRESH MOMENTUM IN WIND POWER!

SLIP RINGS FOR POWER, SIGNAL AND DATA TRANSMISSION

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Reliable power, signal and data transmission have been proven for many years in pitch systems, even under high mechanical loads, because of robust LTN slip rings. The modular, compact and cost-saving design enables straightforward installation and easy adaptation to specific customer requirements. Our high-quality contact technology provides ultra low maintenance since contact lubrication is not required.

SC127 – Compact slip rings for signal transmission in hydraulic pitch systems

Mechanical connection:

Customer-specific design
e.g. anodised aluminium for offshore version

SC168 – Slip rings with power, signal and data paths, very compact, extremely versatile

Electrical connection:

Customer-specific design
e.g. male/female connector, terminal box, connecting cables, etc.

SC330 – Slip rings for power, signal and data transmission with a capacity up to 300 A, e.g. for supply of rotor blade heating systems

Transfer:

Power: Voltages up to 1000 V AC, currents up to 300 A (higher on request)
Data: Fieldbuses and Industrial Ethernet transmission for protocols such as PROFINET, EtherCAT, EtherNet/IP, POWERLINK, etc.
on demand **EtherCAT**™



OPTIONS

- Supply and mounting of a rotary encoder or resolver
- Fiber optic rotary joints (FORJ)
- Offshore and cold-climate versions
- Slip ring retrofit and maintenance concept
- Shaft connection adapter on demand
- Customer-specific design



For furthermore information about the product please contact us.

Design example SC168