



Green e-motion

rotary limit
switches
for **wind**
turbines



ravioliTM
Experience moving future



Driver rotary limit switches for wind turbines

Founded in 1926 in Milan, Ravioli S.p.a has been manufacturing electronic and electro-mechanical devices for various applications for over 80 years.

Always dealing with new markets and experiences, we have developed our **Green e-motion** programme, consisting in an important production line projected and realized for alternative energies, with a special focus on wind power technology.

The result of our activity is a series of rotary limit switches specifically dedicated to the pitch and yaw control in wind turbines. Ranging several ratios, our DRIVER FRM limit switches are IP66 and they can be equipped with different cams profiles, whose calibration is particularly precise, rapid and reliable.



Pitch control

Thanks to the pitch control, the angle of the blades can vary according to the wind directions, maximizing the wind turbine efficiency.

Rotary limit switches are used for setting reliable and safe margins of the blades motions, regulating their angle and indicating real-time positions through high-precision encoders signals.

Yaw control

The yaw control system is used to keep the rotor perpendicular to the wind, decreasing the fatigue loads and optimizing the turbine power.

Rotary limit switches are used both to prevent the cables from twisting, and to limit the turbine rotation, while high-performing encoders provide you with signals about the precise yaw position.

Our **Green e-motion** programme is completed by several accessories and options to realize various custom-size solutions, and by our series of d.c. contactors Tecno, which are used in inverters and other industrial devices for energy storing.





Ravioli S.p.A.
Via Passo Pordoi, 4 - 20139 Milan, Italy
Tel. +39 02 53.63.01 - Fax +39 02 53.63.05
E-mail: raviolispa@raviolispa.com
www.raviolispa.com

