

# Reed Sensors for Wind Turbines

*Energy efficient, Sustainable, Eco-Friendly*



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- The surface mount reed sensors are used for the task of sensing turbine rotor speeds.
- In the event of excessive winds, the reed sensor signals the turbine rotor to disengage from the power generation mechanism to preventing gear train damage.
- Reed sensors are amongst others designed in a robust thermoset over-molded package which is impervious to extreme temperatures and harsh conditions.
- The reed sensor senses the rotor speed by a non-contact means, with the use of simple magnetic field detection.



## Applications:

- Non-contact speed sensing
- Rotor speed monitoring
- Speed detection
- Position detection

## Features:

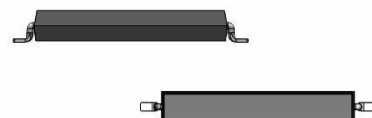
- Extra long life
- Dynamically tested contacts
- Hermetically sealed
- Zero power consumption
- Robust package
- Zero emissions

## Products:

SMD Sensor Series: MK01, MK15, MK16, MK17, MK22, MK23, MK24, MK30, MK10

### Technical Specifications

Specifications MK15	
Contact form	1A, 1B
Rated Power (W)	0 up to 10
Switching Voltage (VDC)	0 up to 200
Switching Current (A)	0 up to 0.5
Carry Current (A)	0 up to 1



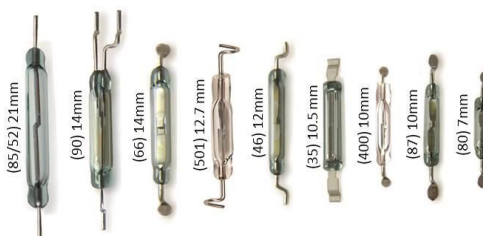
Product page

Specifications MK22	
Contact form	1A
Rated Power (W)	0 up to 20
Switching Voltage (VDC)	0 up to 200
Switching Current (A)	0 up to 1
Carry Current (A)	0 up to 1.25

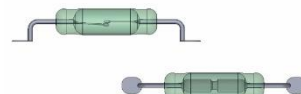


Product page

Specifications MK23	
Contact form	1A, 1C
Rated Power (W)	0 up to 100
Switching Voltage (VDC)	0 up to 1000
Switching Current (A)	0 up to 1
Carry Current (A)	0 up to 2.5

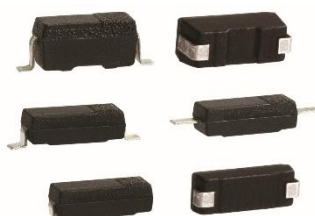


Various dimensions



Product page

Specifications MK24	
Contact form	1A, 1B
Rated Power (W)	0 up to 3
Switching Voltage (VDC)	0 up to 30
Switching Current (A)	0 up to 0.3
Carry Current (A)	0 up to 0.5



Product page

## Reed Technology for wind turbines

Standex-Meder Electronics offers a wide range of products such as Reed Switches, Reed Sensors, Floats, and Magnetics.

We develop and manufacture customized solutions for our customers that specially adapt sensors and float magnets for their products. Examples of solutions include but are not limited to complete assemblies such as a PCB board consisting of Reed Switches and connectors.

Our sensors are available in a wide range of connection options, housing forms, and mounting options.

Standex-Meder engineers are available to discuss your requirements to find the best solution for your applications. Send us an email at [info@standexmeder.com](mailto:info@standexmeder.com) to discuss your needs today!



Further product solutions  
for Alternative Energy

