

SURFACE MOUNT REED SENSORS

ENERGY EFFICIENT, SUSTAINABLE, ECO-FRIENDLY

- ✓ The surface mount reed sensors are used for the task of sensing wind 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 without contact, using a simple magnetic field detection.



FEATURES

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

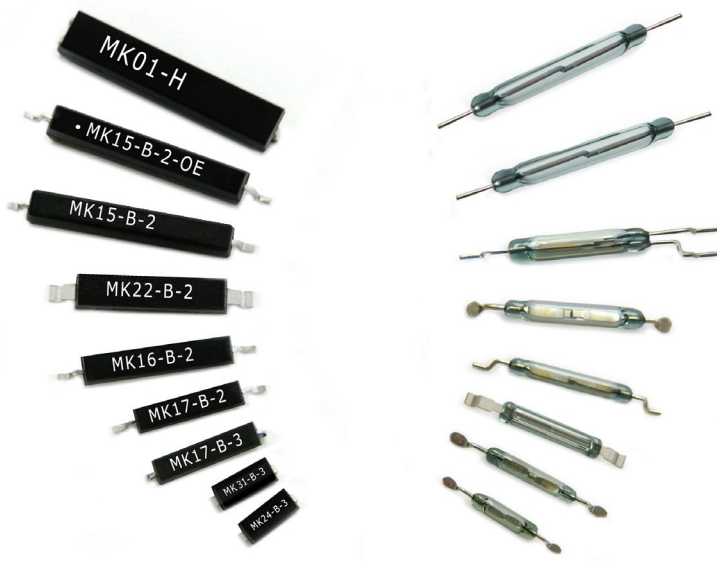


APPLICATIONS

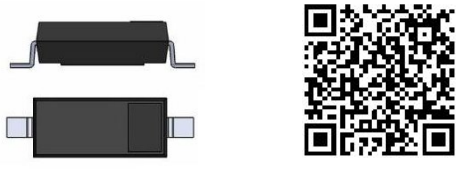
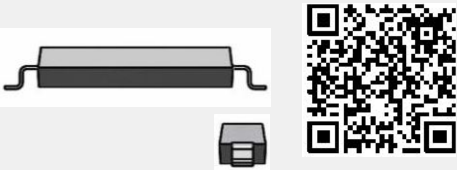
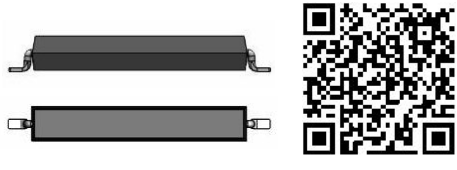
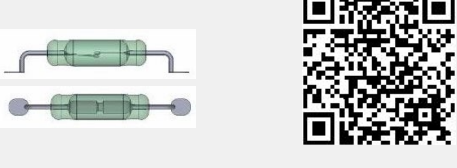
- › No contact speed sensing
- › Rotor speed monitoring
- › Speed detection
- › Position detection

SURFACE MOUNT SENSORS

- › MK01, MK15, MK16, MK17, MK22, MK23, MK24, MK30, MK10



SURFACE MOUNT REED SENSORS

| Technical Specifications | Contact Form | Rated Power (W) | Switching Voltage (VDC) | Switching Current (A) | Carry Current (A) |
|--|--------------|-----------------|-------------------------|-----------------------|-------------------|
| MK24 SERIES  | 1A, 1B | 0 to 3 | 0 to 30 | 0 to 0.3 | 0 to 0.5 |
| MK22 SERIES  | 1A | 0 to 20 | 0 to 200 | 0 to 1 | 0 to 1.25 |
| MK15 SERIES  | 1A, 1B | 0 to 10 | 0 to 200 | 0 to 0.5 | 0 to 1 |
| MK23 SERIES  | 1A, 1C | 0 to 100 | 0 to 1000 | 0 to 1 | 0 to 2.5 |

Standex 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 engineers are available to discuss your requirements to find the best solution for your applications. Send us an email at info@standexelectronics.com to discuss your needs today!