

**MK01 Series Surface Mount Reed Sensors****DESCRIPTION**

MK01 Series Reed Sensors are magnetic proximity sensors designed in a durable package with J-Lead surface style mounting capability.

**FEATURES**

- SPST normally open Form A
- SPDT changeover Form C
- J- lead SMD design
- No external power required for sensor operation
- Tape & Reel packaging (IEC 60286-3)
- Suitable for automatic pick and place
- Hermetically sealed
- Dynamically tested contacts
- Millions of reliable operations

**APPLICATIONS**

- Battery Powered Equipment
- Door Sensor
- Handheld Devices
- Microphone On/Off Switch
- Off Hook Switch
- Position & Limit Sensing
- Security System Switch

**MARKETS**

- Computer
- Household
- Medical
- Security
- Telecommunications
- Test & Measurement

***Form-C Changeover  
Surface Mount Sensors  
Both Tiny & Tough!***

Our MK01 Series Reed Sensors are magnetically actuated proximity sensors designed in a tough molded exterior package. Their molded exterior surface is pick and place ready as well as reflow solder capable.

This tiny sensor series measures only 18.8 x 3.25 x 3.7mm with J-Leads designed for PCB surface mounting. Choose from either Form A single pole single throw normally open contact form or Form C single pole double throw changeover switching configuration.

**SPECIFICATIONS**

- Switching power: 10W
- Contact form: 1Form A (Normally Open) & Contact form: 1Form C (Changeover)
- Contact resistance: 150 mΩ
- Switching voltage: 200 VDC
- Switching current: 0.5A
- Breakdown voltage (across the switch): 225 VDC minimum (AT conditional)
- Operating temperature: -40°C- +130°C
- AT Sensitivity: B, C, D & E available

The MK01 sensor series come in 4 magnetic contact sensitivity ranges (B, C, D, & E) and are sold in Tape & Reel packaging. MK01 Reed Sensors are ideal in position and presence sensing applications that require little or no external power to operate, especially battery powered and handheld devices.

**Request Samples Today!**Visit our website: [www.meder.com](http://www.meder.com)