

Miniature Surface-Mount Reed Sensors



[MEDER electronic Inc](#) [1], a manufacturer of precise, reliable, and long-lasting miniature switches, sensors and relays, introduces its new [MMS line of surface-mount reed sensors](#) [2], especially designed for low voltage and low power switching microelectromechanical (MEMS) devices. The micro machined miniature sensors, which are designed for a maximum of 3 volts direct current (VDC), are ideal for medical pacemakers and insulin pumps, as well as telecommunications and cell phones.

The electrostatic sensitive MMS sensor features 109 ohm insulation resistance across the contacts and is magnet-actuated, requiring no power consumption. The sensor is available in a high shock resistance surface mount device (SMD) package measuring only 0.188-inches long, 0.484-inches wide and 0.047-inches high. It comes in two lead designs: flat, straight and flat, bent. The MMS sensor line also includes a raw switch die form, measuring only 0.130-inches long, 0.035-inches wide and 0.022-inches high.

“Our new MMS sensor is the only sensor specifically made for microelectromechanical systems,” said Julie Dargie, MEDER’s marketing and distribution manager. “We are very excited to be contributing to the rapidly growing MEMS field.”

MEDER electronic Inc.
508-295-0771; www.meder.com [3]

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