

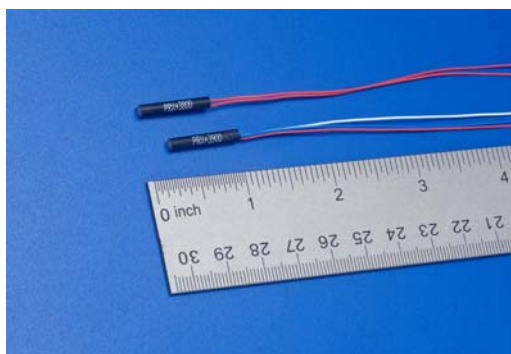
NEWS RELEASE

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Hermetic Switch Introduces New Proximity Sensors

Small Size of Hermetic's PRX+3800 and PRX+3900 Sensors Responds to Market Need for Smaller Components in Automation, Detection and Control Applications

For Immediate Release, Chickasha, OK (USA): Hermetic Switch, Inc., a designer and manufacturer of reed switches, proximity sensors and other switch technologies, has introduced two new cylindrical (tubular) proximity sensors. Hermetic's PRX+3800 (Form B) and PRX+3900 (Form C) magnetic sensors deliver all the advantages of reed switch sensing technology but with smaller physical dimensions than previously available. These new sensors respond to the market need for components with smaller footprints, as size reduction trends continue in the systems and devices utilizing proximity sensors. These new sensors from Hermetic can be used in automation, control, or detection in a broad array of applications – including safety, security, alarm, equipment, machinery, manufacturing and processing systems – in industrial, commercial, medical, corporate, government or military settings.



Specific applications vary widely and include any number of situations – including extreme environments – where reliable and potentially long-term proximity monitoring is desired but physical contact must be avoided (between the sensor and the object being sensed).

The PRX+3800 is a Form B (Single Pole Single Throw Normally Closed) reed switch contained in a temperature resistant cylindrical (tubular) housing which has a nominal size of 0.125 inch (3.18mm) diameter and 0.750 inch (19.05 mm) length. The PRX+3900 is a Form C (Single Pole Double Throw) or change-over reed switch with similar housing and dimensions. Both sensors are based on the company's HSR-502R reed switch technology and operate using a permanent magnet or an electromagnetic coil.

These new sensors have an operating distance of .250 inches (6.35 mm) and are rated at 2 watts. The maximum operating temperature is 105°C while the storage temperature range is -40°C to +105°C. The sensors are insensitive to electrostatic discharge (ESD) which makes them ideal for applications where ESD is a concern. Custom wire and connector configurations are available upon request. See below for data sheets.

Pricing for the PRX+3800 and PRX+3900 is in the range of \$5.00 to \$7.00 each (US Funds) depending on quantity. Pricing is also affected by additional options such as custom sensitivity, custom configuration, and special wiring or connectors.

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Datasheets for these new sensors are available at the company's website:

PRX+3800 - <http://www.hermeticswitch.com/ProximitySensors/tubularpdfs/PRX+3800revA.pdf>

PRX+3900 - <http://www.hermeticswitch.com/ProximitySensors/tubularpdfs/PRX+3900revA.pdf>

For more information on pricing, performance specifications, or customizing options please contact Hermetic Switch at USA (405) 224-4046 or info@hermeticswitch.com .

For an overview of Hermetic's Tubular Proximity Sensor Product Line refer to the table at:

<http://www.hermeticswitch.com/ProximitySensors/tubular.html>

As with all Hermetic Switch reed-switch-based designs, these new sensors combine both switching and sensing functions in one small package, effectively providing a two-in-one design which uses space more efficiently. These reed sensors require no electric power to operate so the sensors are not dependent on batteries, thereby enabling usage in extreme environments for an extended period of time. The use of hermetically sealed contacts on the internal switch provides a sensor that has predictable and dependable performance.

These new PRX+3800 (Form B) and PRX+3900 (Form C) proximity sensors complement the company's equivalent Form A (Single Pole Single Throw Normally Open) tubular sensors which are already available at the small size. The new sensors also enhance Hermetic Switch's extensive product line offerings. The company's proximity sensor product line includes cylindrical (tubular), surface mount, steel sensing, industrial, alarm, low profile and high power designs. Hermetic's reed switch product line includes micro-miniature, miniature, high-reliability, implantable, heavy-duty, high-power, high-voltage and radio frequency switches. The company offers sensors with custom housings, connectors, wires/harnesses and other customer-specified features. Hermetic also provides permanent magnets and standard test coils to the marketplace.

Hermetic Switch (est. 1968) is a privately held, ISO 9001 registered company that designs, develops and manufactures reed switches, proximity sensors and other switch technologies that respond to customer needs. The company provides switching and sensing solutions to many industries including medical, aerospace, telecommunications, military, fluid processing, computer/electronic, construction, security, agricultural and lawn/garden/turf. Specific applications where Hermetic products are used include pacemakers, defibrillators, Vagus nerve stimulators, hearing aids, space station/space shuttle functions, commercial and military jet engines, wireless devices, valve-position monitoring devices, test, measurement and diagnostic equipment (TMDE), burglar alarms, and commercial lawn mowers, among many others. Customers include numerous Fortune 500 companies as well as other key players in the global marketplace. For more information contact Hermetic at USA 405-224-4046 or go to www.hermeticswitch.com.

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