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Littelfuse Extends Reed Switch Product Line with High-Precision MACD-14 and MASM-14 Series

New switches serve additional market segments requiring close-differential characteristics at a competitive price

CHICAGO, January 29, 2015 - Littelfuse, Inc., the global leader in circuit protection, has released the MACD-14 and MASM-14 Series, a high-precision extension of its reed switch product line. (The MASM-14 is the surface mount version of the MACD-14.) These reed switches have close-differential characteristics that benefit customer applications with space limitations and strict requirements for accuracy. In addition, the MACD-14 and MASM-14 Series allow circuit designers to enjoy enhanced layout and design flexibility.

"The close-differential characteristics of the MACD-14 and MASM-14 Series allow us to serve new market segments that require high-precision sensing at a competitive price," said Gwenn Gmeinder, business development manager at Littelfuse. "These switches are ideal for level and proximity sensing in water pump, brake fluid reservoir, windshield washer fluid level and small appliance applications."

The MACD-14 and MASM-14 Series offer these key features and benefits:

- Through-hole, surface-mount and custom forms provide layout and design flexibility
- Hermetically sealed switch contacts are not affected by harsh environments
- Close differential (low close/open hysteresis) provides precise switching for applications with limited space
- Switching capability of 200 Vdc at up to 10 Watts provides high load switching capability and flexibility in a compact package
- Available sensitivity range of 10-30 AT for high-accuracy performance under all operating conditions

"As design footprints and components continue to shrink, many of our customers are challenged by the very limited travel space available for the magnet to both activate and de-activate the reed switch or sensor," explained Gmeinder. "The close differential of the MACD-14 and MASM-14 Series allows our customers do more with less space and less budget."

Availability
The MACD-14 reed switch and MASM-14 surface-mount reed switch are available in three different models and in minimum order quantities of 250. The MASM-14 is also available with tape and reel packaging. Sample requests can be placed through authorized Littelfuse distributors worldwide. For a listing of Littelfuse distributors, please visit Littelfuse.com.

For More Information
Additional information is available on the MACD-14 product page and MASM-14 product page. If you have technical questions, please contact: Will Li, global product manager: wli4@littelfuse.com.

About Littelfuse
Founded in 1927, Littelfuse is the world leader in circuit protection with growing global platforms in power control and sensing. The company serves global customers in the electronics, automotive and industrial markets with technologies including fuses, semiconductors, polymers, ceramics, relays and sensors. Littelfuse has over 8,000 employees in more than 35 locations throughout the Americas, Europe and Asia. For more information, please visit the Littelfuse website: Littelfuse.com.

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Media Contact:
Rhonda Stratton
Global Marketing Communications Manager
Electronics Products, Littelfuse, Inc.
773-628-0644
rstratton@littelfuse.com
https://twitter.com/littelfuse