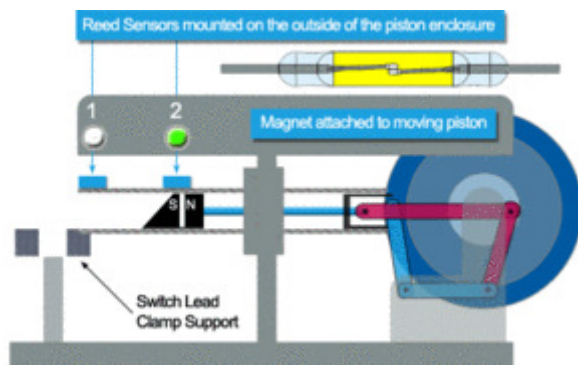
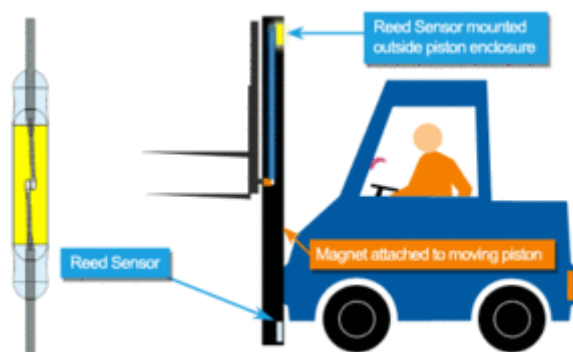


APRIL 2012**REED PRODUCTS ...**

Reed Technology for Industrial Applications -
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Reed Technology for Industrial Applications

Finally there is a reliable way to precisely detect the end limit positions of pistons and cylinders, particularly when that detection is critical to the operation and/or can result in a disaster if the detection fails. Mechanical limit switches have been used successfully in the past, but can fail prematurely or may have limited life cycles. Dirty environments can exacerbate the problem. Now designers have turned to the Reed Sensor which uses hermetically sealed reed switches, which are ideal for critical requirements where reliability is essential. One sensor for such applications could be the new MK26 Reed Sensor from MEDER, characterized by its high switching power in combination with a compact design. Its housing measures only 32mm x 10mm x 6mm, making the MK26 the most slender package within the standard rectangular reed sensor series, as compared to the MK04, MK12, MK13 and MK21.

[MK26 Product Spotlight English](#)[MK26 Product Spotlight German](#)[MK26 Product Page](#)**REED TECHNOLOGY APPLICATIONS ...**

Hydraulic Position Sensor - Click to Play

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Reed Sensor Solution for End Position Sensor in Hydraulic Systems and Pistons

Pistons requiring end point position detection are typically in millions of mechanical systems. These systems can range from truck lifts, plows, garbage trucks, fork lifts, special mechanical systems, etc. Most of these environments can be on the dirty side influencing any open or partially sealed switching devices. This can in turn cause faulty switching, down time, and potentially costly repairs if the fault occurs when in use. Here the mechanical contacts may stick or remain open. To avoid these failures, designers have designed out the unreliable mechanical switches and gone over to the Reed Sensors, which has dramatically improved the reliability of their systems.

[Full application write up](#)

[Send us your inquiry](#)

REED ACADEMY ...



MEDER Vodcast - Magnetic Mapping

3D Magnetic Mapping for Sensor Applications:

- [Click to open Vodcast \(Speakers necessary\)](#)

About
[MEDER electronic](#)

IN THE NEXT ISSUE ...

REED PRODUCTS:

- Reed Technology for Liquid Level Sensing
- MS06 PP and LS05 Stainless Steel

REED TECHNOLOGY APPLICATIONS:

- Coffee Maker Water Level Sensor Application

REED ACADEMY:

- MEDER PTM - Liquid Level Sensing
- Laser welding System for Stainless Steel Level Sensors

UPCOMING EVENTS ...



electronica 2012

Time: 13. - 16. Nov. 2012

Place: Neue Messe, Munich, Germany

[Click here for more information](#)



Sensor Expo & Conference 2011, USA

Time: 06. - 07. June 2012

Place: Donald E, Stephens Convention
Center
Booth No. 420
Rosemont, IL, USA

[Click here for more information](#)