

## Press Release

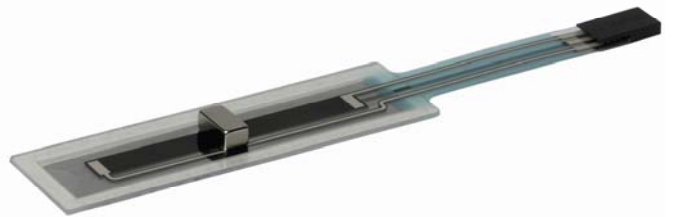
### Membrane Sensors - Precision sensor technology for measuring tasks of up to 500 mm

Korb, Germany, 2010-11-03

**Design, production and sales of innovative linear- and rotary sensors is one of the core competences of Metallux AG, situated in Korb, nearby Stuttgart, Germany. These basic however high precision membrane sensors are used today to solve measuring tasks.**

The MetaPot membrane sensors, due to their narrow and slim design, thickness of less than 1 mm, are perfectly suited to be integrated into a drive system or mounted into a cylinder. The contact less connection, as used in the magnetic membrane sensor MMP, can even eliminate small mechanical tolerances in drive systems. Protected to IP 65, the sensor can be used either outside the housing as well as within the system. The signaling device is situated at the shaft or gear.

Based on the MetaPot membrane potentiometer technology by Metallux AG this MMP combines all advantages of this million fold proved and tested technology with a contact less and therefore absolutely wear free potentiometer measuring tap.



#### Product information MetaPot/MMP

- Contact less, measuring absolute (MMP)
- Protection to IP65 in "active zone"
- Integrated position switch possible
- Easy installation
- Custom specific design possible
- High life cycle
- Oil, grease resistant

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The membrane technology is especially suited for following applications:

- Photovoltaic-installations (tracking)
- Roof lights
- Hospital beds
- Vehicle construction
- Mobile traffic signs
- Test bench
- Flight simulator
- Throttle position sensor
- Locking devices
- Robots

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**About Metallux:**

Metallux AG is a high performance manufacturer of electronic components produced in thick film technology. The German company boasts a vast variety of services and offers next to their standard program of pressure-linear and rotative as well as foil sensors, high voltage and brake resistors, also customspecific solutions including customising potentiometers and joysticks. A strong customer orientation coupled with ideas and solutions makes for satisfied customers. Innovative products, a multitude of granted patents, long standing experience- numerous customers in the automotive industry, electrostatic-, medical- and industrial- electronic industries depend already for 24 years on the pioneering company Metallux.

**For more information:**

[www.metallux.de](http://www.metallux.de)

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