

## Press release

### POSITAL introduces encoders and inclinometers with J1939 interface



**Hamilton, New Jersey, May 2013** – POSITAL's versatile inclinometers and absolute rotary encoders are now available with J1939 communications interfaces. (The J1939 protocol was developed by the Society of Automotive Engineers for use in heavy vehicles such as trucks, buses, fire trucks and construction machinery. The protocol facilitates quick and reliable communications between sensors, actuators and electronic control systems.)

POSITAL's rugged and accurate inclinometers and encoders with J1939 interfaces are ideal for control and safety systems for vehicles and off-road equipment. IP69K-rated sealing mean that these devices can stand up to the roughest on-the-job conditions – including salt spray or water jets from pressure washers. POSITAL's inclinometers can measure tilt in two dimensions ( $\pm 80^\circ$ ) and are perfect for monitoring pitch and roll in off-road vehicles or vessels, or for positioning crane booms or other moveable components. Heavy-duty aluminum housings provide protection against accidental impact, while optional bus-in/bus-out M12 connectors can be used to simplify wiring layouts. When rotary motion must be measured and controlled – for example in steering systems, winches, etc. – POSITAL's absolute rotary encoders are ready to do the job. These encoders make use of magnetic measurement technology that delivers accuracy, reliability and tolerance for high shock and vibration loadings. Rugged 316L stainless steel housings and heavy duty bearings ensure reliable service in the toughest environments. Multi-turn versions of these rotary encoders incorporate an innovative self-powered system to count shaft rotations, even when the motion occurs while the control system is powered down. With no need for backup batteries, these devices are virtually maintenance-free.

# **POSITAL**

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## **FRABA**

### **About POSITAL and FRABA**

FRABA Inc. is the North American member of the Netherlands-based FRABA Group, a family of enterprises focused on providing advanced products for position sensing and motion control in many sectors and applications. Business units within the FRABA group include POSITAL (rotary encoders, position sensors and inclinometers) and VITECTOR (safety assurance equipment).

### **Further Information**

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### **Graphic**

File: Attached JPEG

Caption: POSITAL motion sensors with J1939 interfaces.

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