# +++ Press Release +++

###### POSITAL Precision Magnetic Encoders – Now Available with CANopen Communications Interface

**Hamilton, New Jersey, October 2016** – POSITAL’s IXARC high-precision magnetic absolute rotary encoders are now available with CANopen interfaces. These new interface option is in addition to the previously announced SSI, EtherNet/IP, EtherCat, Powerlink, Profbus DP and Profinet interfaces. Together, this range of interface choices makes the rugged and compact IXARC encoders one of the most versatile devices of its type on the market.

POSITAL’s precision rotary encoders, first introduced in 2013, provided a significant step forward in encoder technology. With improved magnetic field measurement sensors and advanced signal processing techniques, POSITAL has been able to offer devices with accuracy and dynamic response characteristics that rivaled traditional optical encoders in smaller, more robust, more cost-efficient packages. Single- and multi-turn models are available. For multi-turn versions, the rotation counter is self-powered, with no need for backup batteries. Since the original rollout, POSITAL has worked to enhance the performance of these devices and expand the range of available communication interfaces.

IXARC encoders with the CANopen communications interface are an excellent choice for applications in vehicles, mobile machinery, cranes, lifts and offshore equipment. The communication interface features the autobaud function, so these encoders can be directly connected to a CANopen network without the need to manually set transmission speeds. Diagnostic LEDs show device status. A variety of connection options are available, including cables of various lengths and radially or axially oriented M12 or M23 connectors. Housings with bus-in/bus-out connectors are available for applications where it is convenient to connect several devices in series (daisy chain).

Finding the right IXARC sensor for a particular application is straightforward. The web site [www.posital.com](http://www.posital.com) provides a powerful product finder tool that enables a customer to specify the product features required for each application and then quickly select the best available products.

**About FRABA and POSITAL**

FRABA Inc. is the North American sister company of the Netherlands-based FRABA B.V., a group 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 (position sensors) and VITECTOR (safety assurance equipment).

POSITAL exhibits at **Automation Fair** (Nov. 9/10 in Atlanta) presented by Rockwell Automation **Booth # 1861**

###### Further Information

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Graphic:

File: CANopen.IXARC.jpg

Caption: IXARC rotary encoder with CANopen Interface (shown with bus-in/bus-out connectors)