**+++ Press Release +++**

POSITAL announces simplified CANopen setup for IXARC magnetic encoders

**Hamilton, New Jersey, May 2018 –** POSITAL’s IXARC new magnetic absolute encoders with CANopen interfaces are now available with an optional “connection cap” that makes device configuration and troubleshooting simpler and more intuitive.

For previous generation IXARC magnetic encoders with CANopen interfaces, device setup was accomplished by updating software parameters, requiring special tools and expertise. The connection cap contains three rotary switches that enable the installer to define the node ID and baud-rate directly with a small screwdriver. There are also diagnostic LEDs on the backside that simplify setup and debugging by indicating device and network status. With eight screw terminals inside the cap, the user can easily install cables for power supply and bus-in/bus-out. A slide switch can activate a termination resistor when the device is located at the end of the network, reducing installation costs.

IXARC magnetic absolute encoders with CANopen interfaces are ideal for motion control applications that range from cranes and container ports to classic factory automation. Compared to optical encoders, they are almost 30% smaller and have superior resistance to shock and vibration loads. Available IP 66/67 protection makes these devices suitable for harsh environmental conditions. Single- and multi-turn models are available. For multi-turn versions, the rotation counter is self-powered, with no need for backup batteries and with a measurement range of four billion revolutions (32 bits). A variety of connection cap options are available, including cable glands for cables of various lengths and M12 connectors for use with pre-assembled cables. Connection caps with two or three connectors can be used to connect multiple devices in series (daisy chain) without T-couplers.

Finding the right IXARC sensor for a specific 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 zero in on the best available products.

**About FRABA and POSITAL**

POSITAL is a supplier of advanced industrial position sensors used in a wide variety of motion control and safety systems. The company is also an innovator in product design and manufacturing processes and a pioneer of Industry 4.0 (Industrial Internet of Things/IIoT), offering customers the benefits of built-to-order products combined with the price advantages of mass-production. POSITAL is a member of the international FRABA group, whose history dates back to 1918, when its predecessor, **Fr**anz **Ba**umgartner elektrische Apparate GmbH, was established in Cologne, Germany to manufacture relays. Since then, the company has played a trendsetting role in the development of rotary encoders, inclinometers and other sensor products. POSITAL has a global reach with subsidiaries in Europe, North America and Asia – and sales and distribution partners around the world.

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Graphic

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Caption: POSITAL’s IXARC Magnetic Absolute Encoder with Connection Cap Features Switches for Simple, Intuitive CANopen Interface Setup

###### Further Information

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| Madison ThompsonFRABA Inc. – Marketing1800 East State Street, Suite 148Hamilton, NJ 08609, USAPhone: 609-750-8705Mobile: 419-564-1968 madison.thompson@fraba.com**www.posital.com** |  James TulkPR Toolbox126 Neville Park Blvd.Toronto, Ontario, Canada, M4E 3P8Phone: 416-368-6636Mobile: 416-738-1529 jtulk@pr-toolbox.com |