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

POSITAL rotary encoders available in space-saving 27 mm-long housing

**Hamilton, New Jersey, October 2021 –** Position and motion sensorspecialist POSITAL has announced new models of its popular IXARC rotary encoders with housings that are only 27 mm long. This reduced length, combined with a diameter of only 36 mm, means that these super-compact devices are ideal for tight spaces. The radial cable entry and shaft seal have protection ratings of IP65, ensuring reliable operations under wet and dirty conditions. A wide variety of flange and shaft configurations are available, reducing the need for costly adaptors or work-arounds.

The new compact encoders are based on POSITAL’s well-proven magnetic measurement technology. Both incremental and single-turn absolute versions are available. Incremental variants are programmable: resolution can be set anywhere from one to 16,384 pulses-per-turn in software without requiring any changes to the mechanical properties of the devices. Similarly, pulse direction and the output driver – either Push-Pull (HTL) or RS422 (TTL) – can be reset through software updates. Changes can be made quickly in the shop or in the field using POSITAL’s easy-to-use UBIFAST programming tool. Absolute versions have resolutions of up to 16-bit and are available with analog, CANopen or SSI interfaces.

POSITAL makes it easy for customers to find the right IXARC encoder for their specific application. The product finder tool at [www.posital.com](http://www.posital.com) enables a customer to specify the product features required for their project and quickly zero in on the most suitable 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.

 **Rockwell Automation Fair 2021 (Nov 10/11 in Houston, Texas)**

**Visit us at Booth #2147**

Graphic

 Press Photo (see attachment – in jpg format)

Caption: POSITAL’s new 27 mm long rotary encoders – ideal for tight spaces

###### Further Information

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