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

**POSITAL Extends Product Finder Portal to Include Kit Encoders**

A simpler way of finding the right motor-mounted kit encoder for your application

**Hamilton, New Jersey, July 2022 -** Encoder-maker POSITAL has updated its online Product Finder tool to include the company’s extensive line of kit encoders.

Kit (or modular) encoders are designed to be integrated into electric motors or other types of rotating machinery, providing position feedback for the control system. While sharing performance characteristics with POSITAL’s stand-alone absolute encoders, kit encoders are stripped-down designs without their own shafts, bearings, or seals. Instead, the rotating element – a permanent magnet array – is attached directly to a motor’s shaft, while the measurement module is designed to fit onto the motor’s housing. The result is a rugged, cost-effective assembly that measures the rotary position of the motor’s shaft and provides precise closed-loop position control for servomotors or stepper motors. These devices have been used successfully in thousands of motor and robot installations.

POSITAL offers over 200 kit encoder variants, featuring multiple mechanical configurations and communications options. Standard products have an outer diameter of 36 mm, while compact versions – only 22 mm across – are ideal for space-critical installations. Both sizes are available with a range of mounting and shaft coupling options. SSI and BiSS C communications interfaces are supported. Single-turn and multiturn variants are available, the latter featuring POSITAL’s battery-less, self-powered Wiegand rotation counter system. With this system, the number of complete rotations is always accurately recorded, even when control system power is unavailable. Several models of POSITAL kit encoders are designed to have the same installation footprint as popular incremental encoders from other manufacturers. These provide a convenient upgrade path, since POSTIAL kit encoders provide absolute position measurements, an advantage for position control applications. And finally, a special range of hollow-shaft encoders are available. These ring-shaped devices feature 30- or 50-mm center openings and are designed to be installed around large-diameter shafts, structural members, or wire/hose bundles in robot arms.

POSITAL’s online Product Finder tool (available at [www.posital.com](http://www.posital.com)) provides a convenient way of exploring that range of kit encoders available. With this tool, when users select the features they need, the system zeroes in on the models that will be the best fit for the intended application. The Product Finder tool also provides datasheets, manuals, and technical drawings.

**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.

###### **Further Information**

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**Photo** (see attachment - in JPG format):

POSITAL’s growing family of kit encoders can now be explored, quickly and easily, through the Product Finder portal.