



**FOR IMMEDIATE RELEASE: November 3, 2024**

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**Programmable, field-adjustable, wheeled linear measurement encoder is now available!**

*Announcing the TRP Tru-TracPro™ programmable, incremental encoder for motion feedback*

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**SAGLE, Idaho:** Experts in motion feedback and control, Idaho-based Encoder Products Company is expanding its linear measurement series of encoders to include a high resolution, programmable, wheeled encoder designed for industrial motion control applications. The TRP Tru-TracPro measuring wheel system consists of a field programmable encoder, measuring wheel and spring-loaded torsion arm in an industrial mechanical package that is ready to integrate right out of the box.

The TRP Tru-TracPro field programmable incremental encoder integrates seamlessly into a system design without changing the wheel diameter/size nor existing system parameters. Its durable construction ensures reliable performance even in harsh environments, making it ideal for automation, packaging, printing, vision systems, material handling, and more.

Designed with the end-user and system integrator in mind, the TRP Tru-TracPro offers maximum flexibility. The reversible pivot shaft, quick-adjust spring torsion arm and variety of wheel finishes provide mechanical flexibility, while programmable resolution from 1 to 100,000 CPR and 40 unique waveforms allow for in-situ system tuning. With the ability to operate over a variety of surfaces at speeds up to 3,000 feet per minute, the TRP will precisely track position, velocity or distance for almost any application.

**EPC's TRP Tru-TracPro Wheeled encoder offers:**

- All-in-one field programmable encoder, measuring wheel & spring-loaded torsion arm
- Teach Index location
- Field calibration for better performance and accuracy
- Programmable to any integer resolution from 1-100,000 CPR
- Internal memory to store user programmable settings as well as factory defaults
- Free, easy to download programmer software for fast implementation
- Easy installation for vertical, horizontal or upside-down orientation on any surface
- Speeds up to 3,000 feet per minute over a variety of surfaces
- System tuning via software rather than changing wheel size
- Potential to reduce cost and inventory for a more simplified system design

While rotary encoders generally provide feedback for rotary motion, the addition of a measuring wheel, gear, or cable-draw assembly, allows a rotary encoder to provide linear displacement data. EPC offers a line of integrated linear measurement solutions that are available in many standard and custom options. All of EPC's linear measurement solutions offer quick and easy installation, while delivering reliable, accurate feedback for applications such as cut-to-length, spooling, length measurement and print registration.

**About Encoder Products Company:**

Encoder Products Company (EPC) is a leading designer and world-wide manufacturer of motion sensing devices. Established in 1969, EPC produces encoders and accessories at its global headquarters in Sagle, Idaho and operates facilities in the UK and India. Focused on custom engineering and partnering with our customers to provide them the best solution for their application, EPC's versatile incremental and absolute rotary encoders are found in countless industrial automation and non-industrial applications, from the ocean floor to the factory line, and even in space.

For more product details, visit the [product page](#).

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For more information or to speak to a live encoder expert in under a minute visit [encoder.com](http://encoder.com)

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