

Newsletter July 2024

Miniature design at IKP11 and IKS11 incremental encoders

With the compact incremental magnetic encoders IKS11 (housing version) and IKP11 (PCB-only version), BOGEN offers superb performance in a small form factor. If space is decisive IKS11 and IKP11 are an excellent choice. IKS11/IKP11 is the preferred solution for automation, instrumentation, and motion control applications. Combined with BOGEN precision scales, measurement solutions for almost every application can be custom-tailored.

Meet IKP11:

The [IKP11](#) incremental magnetic encoder measures displacements up to 100 m with resolutions down to 50 nanometers with high precision. It is ideal for controlling CNC machinery and guiding robotic systems, offering customizable settings and durability in harsh environments.

Discover IKS11:

The [IKS11](#) incremental magnetic encoder provides precision in a compact size, offering resolutions ranging from 500 micrometers up to 20 nanometers. It features LED indicators for easy setup and diagnostics, making it suitable for automating processes and fine-tuning instrumentation.

BOGEN Magnetic scales:

Both sensors are compatible with our high-precision [magnetic rings](#) and [tapes](#), available in various lengths and diameters to meet specific measurement needs.

Why Choose BOGEN?

BOGEN's sensors offer unmatched performance and durability, making them ideal for ensuring accurate and smooth system operations. Choose [IKP11](#) for high-resolution tasks or [IKS11](#) for compact applications – either way, you get top-tier technology that ensures your systems run smoother and more accurately.

For more details or to discuss your specific requirements, please get in touch with us at sales@bogen-magnetics.com.

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