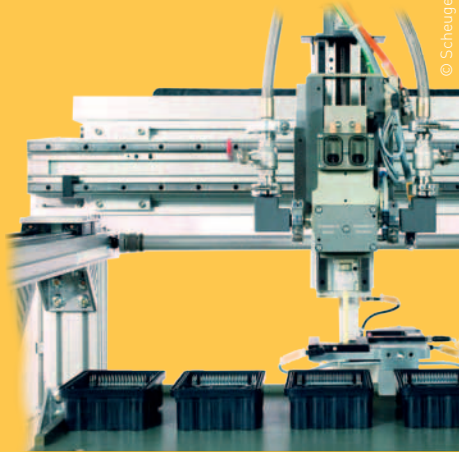


Recording & Reading



Measuring & Positioning



BOGEN –
Experience that counts



A partnership for your future

BOGEN designs magnetic products – capable of encoding, writing, reading, measuring and positioning – all of which are customised to your applications.

Through cooperation with BOGEN on design and development, you will accomplish your goals with improved accuracy, efficiency and simplicity.

Take a look at BOGEN's magnetic solutions for your needs.

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- Encoding 
- Writing 
- Reading 
- Identifying 
- Verifying 
- Measuring 
- Counting 
- Positioning 
- Inspecting 
- Controlling 

Magnetic Solutions

Magnetic innovations from BOGEN

For customer-specific measuring and encoding tasks.

Secure.

Without realising it, every day you are placing your trust regarding your money, your security and organising your personal life in magnet technology. Worldwide, the magnetic heads of BOGEN read credit cards, as well as counting and checking the notes in banks. Your rail card uses this encoding, as do your tickets for the parking garage and ski lift.

Reliable.

Our customers have come to rely on the high quality standards and the wear-optimised structures of our products – just as you, for example, trust the magnet-based ABS system in your car.

Precise.

BOGEN magnetic measurement solutions are used to precisely position millions of electronic SMD components down to the nearest micrometer. These measuring systems can be customised for different resolutions and accuracies, to fit your applications.

Custom-made.

Our engineers and developers work in close cooperation with our customers to deliver the optimal solution possible. The customised products arising from this shared co-development produce highly satisfactory results, often far exceeding initial expectations.

Versatile.

BOGEN's products cover a wide range of needs: we deliver sample quantities but also large batch products, as well as providing specialised components and comprehensive integrated systems. Based on our special modular design we develop specific parts, tailored to your particular project requirements.

Fast.

BOGEN can also boost an efficient and timely manufacturing process, with only a few steps from your initial idea to the finished target product. BOGEN reacts, responds and caters to customers' requirements in an utmost timely fashion. As a result, BOGEN delivers prototypes and variants as quickly as possible, due to our production process being aligned specifically to respond to your needs.

Cost-effective.

Innovative ideas incorporated into our product development process help to create affordable alternatives. Our excellent versatility means that we can produce variants in small batches, at highly cost effective levels.

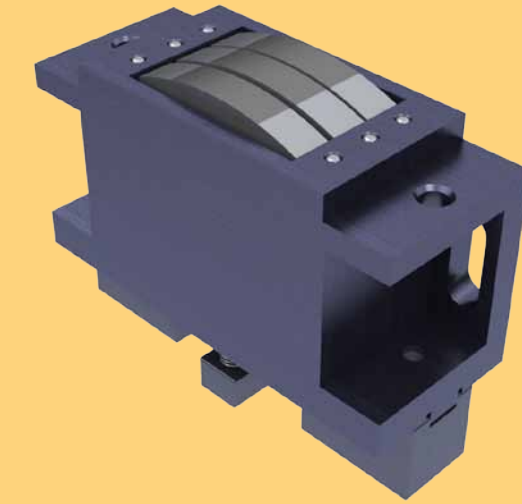
Magnetic heads

Proven reliability.

BOGEN provides a wide range of magnetic heads, for a variety of applications. Whether you plan to read and write tickets, credit cards or other products, BOGEN customizes and tailors the magnet heads from our diverse product line so that they fit exactly to your specific requirements.

Our magnetic heads comply with the relevant national and international standards (ISO, DIN, IATA, ABA, etc.) and can be used with various magnetic coercivities.

Special solutions for reading magnetic ink (Magnetic Ink Character Recognition: MICR) and for recognising and validating banknotes are also a part of our product portfolio.



BOGEN offers the following single-track and multi-track magnetic solutions:

- Ticketing applications in accordance with the RATP standard
- Credit card applications
- Magnet ink reading (MICR)
- Banknote recognition

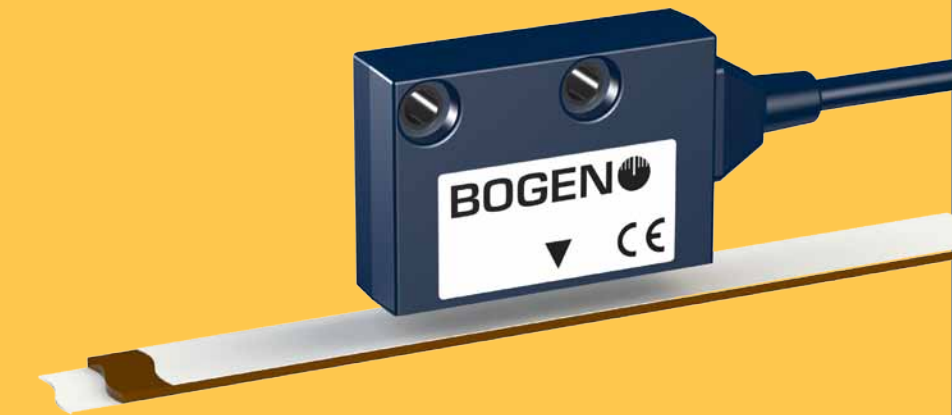
Magnetic measuring solutions

Precise positioning.

BOGEN designs and manufactures high-precision magnetic pulse transmitters for the length and angle measuring systems used in many industrial applications.

Our versatile and efficient magnetic technology ensures the best results for your complex measurement and control tasks. The patented dynamic BOGEN process delivers superior precision and cost effectiveness, as compared to other magnetic processes available.

BOGEN encodes bands and rings with customized magnet patterns – with single or multiple tracks, and with incremental or absolute encoding.



Magnetic pulse transmitter products from BOGEN include:

- Sensors
 - Incremental
 - Absolute
- Linear pulse transmitters (encoders)
 - Single track
 - Multiple tracks
- Rotative encoders
 - Single track
 - Multiple tracks

Our company

BOGEN. Made in Germany.

BOGEN has been developing and manufacturing magnetic solutions for demanding applications for over half a century. We specialise in design and implementing customised products for our customers.

BOGEN is the internationally recognised specialist for magnetic heads used in writing and reading data. And for magnetic gauges used in measuring length, angle and velocity. We take advantage of our variable, high precision production equipment in Berlin to manufacture products that meet your specific requirements.



BOGEN delivers the optimal range of services:

- Products that match customers' requirements.
- Affordable price conditions
- Medium to small batch sizes
- Quick delivery of samples and prototypes
- Innovative partnerships for development and design