

NEW GENERATION OF SENDIX ENCODERS



NEW GENERATION OF SENDIX ENCODERS

YOUR BENEFITS



Programmable



Standardized design



High resolution



Durable and future-proof



Operation at high temperatures



IIoT ready – digital type plate / digital twin

Powerful, flexible, sustainable

The new generation of Sendix encoders are more powerful, more flexible and can be adapted precisely to your requirements. Thanks to their programmability, they can be precisely adapted to specific applications - whether in industrial automation or in applications with demanding environments.

The Sendix K58 (size 58 mm) and K80 (size 80 mm with large hollow shaft) encoders also impress with their new, future-proof technology - they are ideal for integration into future IIoT environments and will feature a digital type plate in the future. The robust construction with advanced Safety-Lock™ design, long service life and versatile application options make the new Sendix encoders the ideal choice for your application.

An innovative housing design that is standardized for each size enables designers to achieve maximum simplicity and efficiency without compromising on mounting type, installation depth, size or installation space. This means that the designer has only one standardized design-in concept across all new variants.

Quick and easy - individually configurable parameters:

- Number of pulses up to 36,000 ppr
- HTL or TTL output
- Counting direction
- Zero pulse length
- Zero pulse position
- Gated zero pulse

Our new products



Sendix K58 Industrial-Line



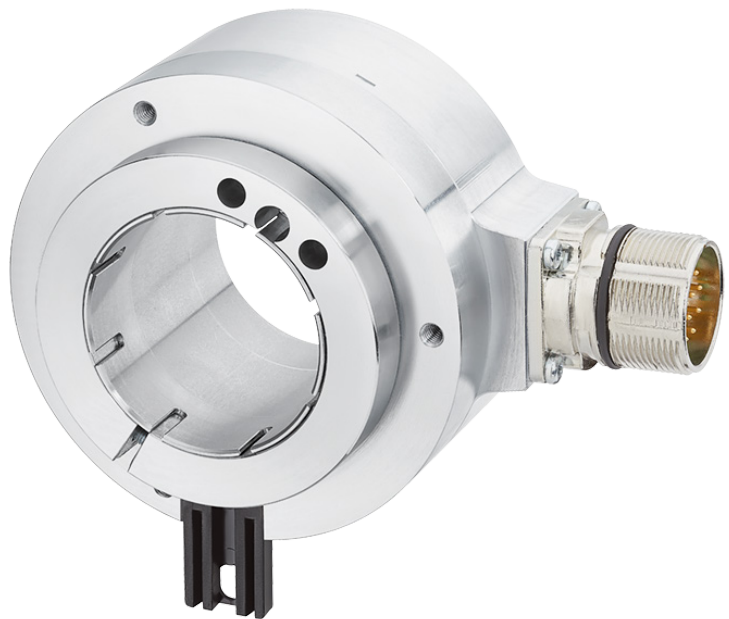
Sendix K58 Performance-Line



Sendix K80 Industrial-Line

Maximum performance even for large shafts

Incremental Sendix K80 Industrial-Line encoders



With reduced size - For large shafts.

The new Sendix encoders are based on state-of-the-art sensor and electronic components as well as a robust metal code disk. The incremental Sendix K80 encoders achieve a resolution of up to 5,000 pulses per revolution with a high level of reliability.

The outstanding feature of the Sendix K80 encoder for large shafts is the combination of a continuous hollow shaft of 42 mm with a reduced size of 80 mm.

Features	Benefits
State-of-the-art sensor technology with resolutions up to 5,000 ppr	High accuracy and reliability of measurement
Hollow shaft up to 42 mm diameter with 80 mm size	Reduced installation space even in large applications
<ul style="list-style-type: none">· Temperature range from -40 °C to +85 °C· Protection class up to a maximum of IP67· Optimized EMC shielding concept· Advanced Safety Lock technology	Prepared for the toughest operating conditions and a wide range of external influences
24one delivery promise: Your customized encoder will be manufactured and delivered within just 24 hours	This free service not only guarantees maximum planning reliability, but also maximum system availability
Prepared for use with digital type plate and digital twin for monitoring and maintaining machines and for a wide range of documentation tasks	Seamless integration into modern, digital networks to optimize processes and increase efficiency

New benchmarks in encoder technology

Incremental Sendix K58 Industrial-Line encoders

New generation - ready for the future.

The new Sendix encoders are based on state-of-the-art sensor and electronic components as well as a robust metal code disk. The incremental Sendix K58 encoders achieve resolutions of up to 5,000 pulses per revolution with a high level of reliability, while the 58 mm housing with a uniform design for all variants simplifies the planning of the system design and also sets new standards in the combination of small size for large applications, for example with the through hollow shaft up to 25.4 mm.



Features

State-of-the-art sensor technology with resolutions up to 5,000 ppr

Hollow shaft up to 25.4 mm diameter

- Temperature range from -40 °C to +85 °C
- Protection class up to a maximum of IP67
- Optimized EMC shielding concept
- Advanced Safety Lock technology

24one delivery promise:
Your customized encoder will be manufactured and delivered within just 24 hours

Prepared for use with digital type plate and digital twin for monitoring and maintaining machines and for a wide range of documentation tasks

Benefits

High accuracy and reliability of measurement

For use even on large shafts with the 58 mm encoder housing size

Prepared for the toughest operating conditions and a wide range of external influences

This free service not only guarantees maximum planning reliability, but also maximum system availability

Seamless integration into modern, digital networks to optimize processes and increase efficiency

Individually programmable - high temperature, high resolution

Incremental Sendix K58 Performance-Line encoders

Highest performance and flexibility.

In addition to the new features of the Sendix K58 Industrial-Line, the corresponding performance version is particularly impressive due to the possibility of programming different parameters such as resolution, counting direction or zero pulse. The settings can be made before or after installation and enable a fast, direct response to changing or new requirements without having to replace the encoder with a new one. Other optimized features include a higher temperature range and a resolution of up to 36,000 pulses per revolution.



Features

State-of-the-art sensor technology with resolutions up to 36,000 ppr

Individually configurable parameters

- Pulse numbers up to 36,000 ppr
- HTL or TTL output
- Counting direction
- Zero pulse settings (length, position, links)

- Temperature range from -40 °C to +110 °C
- Protection class up to a maximum of IP67
- Optimized EMC shielding concept
- Advanced Safety Lock technology

24one delivery promise:

Your customized encoder will be manufactured and delivered within just 24 hours

Prepared for use with digital type plate and digital twin for monitoring and maintaining machines and for a wide range of documentation tasks

Benefits

Highest accuracy and reliability of measurement

Encoders can be customized quickly and easily at any time

Prepared for the toughest operating conditions and a wide range of external influences. Even more possibilities in applications with the highest demands on temperature resistance.

This free service not only guarantees maximum planning reliability, but also maximum system availability

Seamless integration into modern, digital networks to optimize processes and increase efficiency



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