Encoders, sensors and solutions

Available worldwide



LEINE LINDE

Robust and reliable partner

Leine Linde is a leading manufacturer of robust encoders, sensors, and system electronics for industrial applications. The products and solutions are mainly used for measuring speed and position and are known for their robustness, performance and reliability. Our products are designed for heavy-duty operations located in harsh environments.

Support and service worldwide

Leine Linde has an active global presence on all continents of the world, working in close cooperation with customers and partners through the local offices and representatives.

Customized for your needs

Every operation is unique, and standard solutions may not always meet your specific requirements. That's why we offer tailored encoders and solutions designed precisely to meet your needs.

Swift and accurate delivery

Leine Linde offers express manufacturing within 24 or 48 hours, one-week manufacturing, or standard customer-order-driven production, which is completed within ten working days.

Find out more about us, our products, and services on our website: **www.leinelinde.com**



Our encoders and sensors

Discover Leine Linde's advanced solutions, designed for accuracy and reliability. Our products enhance operational efficiency, ensure robust performance, and deliver exceptional results. Experience innovation tailored to your specific needs, from high-quality encoders to resilient sensors, optimised to improve your industrial processes. We're here to help you maximise uptime and performance across your machinery.

Functional safety

Leine Linde's Functional Safety Integrated (FSI) products guarantee some of the highest safety standards in the automation industry. These encoder solutions offer exceptional durability and accuracy, making them ideal components for functional safety systems.

Condition monitoring

Encoders today are much more than just encoders. By providing relevant diagnostics and condition monitoring functionalities, they enable predictive maintenance and ensure smooth, problem-free operation.

Encoders for drives

In a drive system, the encoder provides the crucial link between the motor and the frequency converter. Leine Linde offers a wide range of encoders in various sizes, with differing levels of robustness and functionality to suit each specific application.

Encoders for automation

Advanced machines with complex motions require accurate and fast feedback. Leine Linde's product range includes a variety of communication interfaces designed to meet these demands within industrial automation.

Here, wherever you are

Customer support with high availability across the globe. Find your nearest point of contact for sales and technical support at **leinelinde.com** or **info@leinelinde.com**





1000 EXTREME

Extreme in every way, an encoder built to handle it all.

The 1000 series is engineered for the toughest applications, where mechanical stress, vibrations, and high temperatures make other encoders unsuitable. This series is available with incremental signals, absolute signals, or as a combined variant, offering flexibility and reliability in the harshest environments.



900 PREMIUM

Absolute encoder taking functionality to a new level.

The 900 series is a solutions platform managing complex position feedback in the form of an encoder with different fieldbus and communication interfaces. It includes variants with an incremental output next to the absolute output, and can be provided with an integrated programmable functional safety system. Durable and resistant!



800 HEAVY DUTY

The long-lasting incremental encoder champion.

Looking for a robust, maintenance-free, and cost-effective encoder with a long service life? The 800 series is the ideal solution, and the first choice of many engineers. It can be equipped with Leine Linde's advanced diagnostics system, ADS, enabling condition-based maintenance for even greater reliability and uptime.

ADS UPTIME



700 COMPACT

Compact yet robust encoder for humid conditions.

Our DNV Marine Type Approved encoders are built to withstand the toughest operations, while being compact enough to fit into tight spaces. With their rugged and space-saving design, they're ideal for installations where space is limited and environmental conditions are demanding.



600 INDUSTRIAL

Absolute and incremental encoders for demanding automation.

The 600 series is a robust and complete encoder platform. It includes both absolute and incremental versions, available in anodized aluminium and stainless steel. Absolute models come in singleturn or multiturn variants and offer ATEX/IECEx options. Communication is supported via serial interfaces such as EnDat and SSI, as well as fieldbus protocols including PROFINET, PROFIBUS, EtherNet/IP, EtherCAT, CANopen, DeviceNet, DRIVE CLiQ, and PROFIsafe. Incremental interfaces supported are HTL, TTL, and RS422.



500 ROBUST

Versatile and modular encoders.

These encoders conform to European industrial standards and are available in both hollow-shaft and solid-shaft designs, ensuring easy installation.
The 500 series is the ideal choice if you're looking for a standard encoder that delivers exceptional performance and reliability.



300 MINIATURE

Robust and extremely reliable miniature encoders.

These incremental encoders are just 30 millimetres in diameter and are designed for installation in applications where space is limited. Despite their compact size, they deliver outstanding durability and performance, making them ideal for demanding environments.



4000 LINEAR

Linear inductive encoder for precise position feedback.

This extremely robust and fast high-resolution encoder is designed for linear measurement tasks such as roll-gap control and similar applications.
It withstands shock, vibrations, and high temperatures, making it ideal for harsh industrial environments. Thanks to its plug-and-play design, it eliminates the need for separate air compression or filtering systems. With solid encapsulation and inductive scanning technology, all models are well protected and highly resistant to electrical and environmental disturbances.



2000 BEARINGLESS

For large shafts, tight spaces, and long-lasting durability.

Some motors require speed feedback on the main shaft where space may be limited. The 2000 series is based on a concept featuring a rotating magnetic ring paired with one or more scanning heads. This setup enables high-resolution measurement and generates incremental signals, making it ideal for demanding applications with space constraints. The product is bearing less which warrant a long usable life.

ADS UPTIME



INTERFACE ELECTRONICS

Gateways and modules that adapt signals and enhance usability.

Our gateways and modules convert or split signals, enable fieldbus communication, support optolink transmission, and offer advanced features such as overspeed monitoring with programmable speed switch functionality.
These accessories are designed to improve integration, diagnostics, and control across industrial systems.



ACCESSORIES

For product installation and extended functionality.

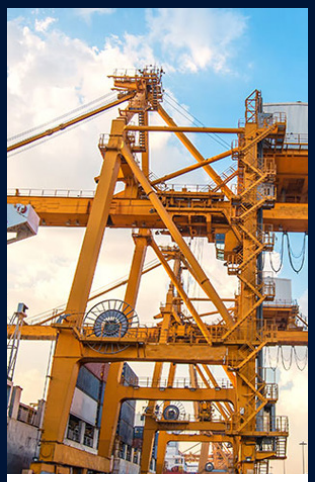
Leine Linde offers a wide range of accessories essential for both installing encoders and enhancing their functionality. This includes shaft couplings, connectors and cables, measuring wheels, adapter flanges, mounting brackets, torque arms, and tether arms, all just as important as the encoder itself for ensuring optimal performance and reliability.



We make encoders and sensors robust enough to keep things running for decades

Leine Linde's encoders and sensors are built for the toughest challenges.

Whether you're dealing with extreme temperatures, high humidity, dust, or vibrations, our products are engineered to keep your operations running smoothly. We tailor our solutions to your specific needs, making them ideal for heavy-duty environments such as steel mills, cranes, paper mills, mining machinery, and wind power plants.



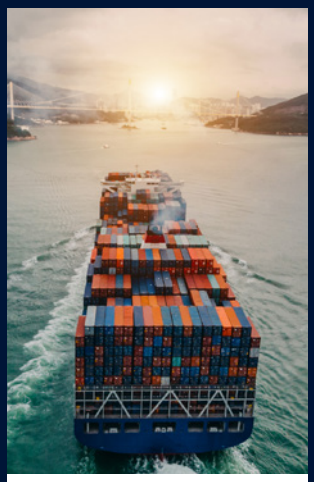
Cranes & Lifting



Pulp & Paper



Renewable energy



Marine & Offshore



Mining



Steel & Metallurgy



Hazardous locations (EX)

We’re here to help!

At Leine Linde, we take great pride in giving personal support.
For further information regarding our encoders and functional safety, please contact your nearest distributor or call us at +46-(0)152-265 00.

The wide range of encoder variations is always available at
www.leinelinde.com

LEINE LINDE



10 Mar 2026 Specification can be changed without prior notice.