

600 INDUSTRIAL INCREMENTAL –IT'S ABOUT TIME

Leine Linde's inductive incremental encoders thrive where other encoders fail. These tough and space-efficient encoders are designed for harsh industrial environments such as sawmills and food processing industries — where downtime isn't an option.

Built to keep production running

The 600 series combines absolute and inductive incremental encoders in a durable platform. With strong bearings, multiple mechanical variants, and stainless-steel options, it delivers reliable feedback and high uptime in demanding industrial applications.

Customer benefits:

- More uptime
- Fewer failures and breakdowns
- Longer lifetime
- Lower maintenance
- Reliable speed and motion control in the toughest conditions

Technical data IHI 603

Vibration	≤ 200 m/s^2
Shock	≤ 2000 m/s^2
Shaft load radial	140 N
Shaft load axial	100 N
Encapsulation level	IP66/IP67
Rotational speed max	12000 rpm



Technical advantages of the 600 Industrial series

- **Inductive scanning –** stable signals despite humidity, dust, dirt, condensation, magnetic/electrical fields, and vibration
- **Larger bearings –** longer lifetime and higher load tolerance
- **Flexible mechanics –** solid-shaft, hollow-shaft, and bearingless variants
- **Platform-compatible –** absolute and incremental models fit the same mechanics
- **Stainless-steel option –** extreme corrosion and cleaning resistance
- **IP69/IPx9K –** handles high-pressure wash-down in food, chemical, and sanitation environments
- **Bearingless version -** easy self-aligning installation and exceptional service life
- **Multiple electrical interfaces –** flexible integration into control systems
- **Engineered for uptime –** long service life with minimal process disturbance

Where it's used

The 600 Industrial series is trusted in:

- Sawmills and log-handling equipment
- Planers, cutters, and milling machines
- Conveyors and sorting systems
- Packaging, filling, and labelling machines
- Washdown production lines
- Mixers, pumps, and motors
- Ovens, coolers, and chillers – temperature variable operations



LEINE LINDE

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