

# automation.com

www.wachendorff-



## The Wachendorff Group

- Delighted customers
- Corporate responsibility
- Attractive for good employees
- Outstanding quality
- Technology leader
- Environmental protection
- Profitable growth

We are a medium-sized owner-managed corporate group based in the beautiful Rheingau district, situated to the west of Wiesbaden.

Competent, personal, face-to-face advice and long-term collaboration with our business partners are the cornerstones of our continual growth. We are certified according to DIN ISO 9001:2015.

## Wachendorff Automation GmbH & Co. KG

The development and manufacturing of rotary encoders, engine feedback devices and complete measuring systems for use in a wide range of serial production applications in mechanical and plant engineering. An extensive standard range featuring numerous options and efficient development of customised solutions.

## Wachendorff Prozesstechnik GmbH & Co. KG

A reliable supplier since 1978 of robust, high quality industrial devices for visualizing, communicating and processing data in the areas of mechanical, plant and building automation.

## VISUALYS GmbH

VISUALYS focuses on the development, integration and consulting of software around the topics of Industry 4.0, SmartData and IIoT for machine and plant manufacturers and operators. The core competence lies in data VISualisation and data anALYSIS.

# WACHENDORFF

The Encoder Experts

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2024

Your distributor:

# WACHENDORFF

The Encoder Experts

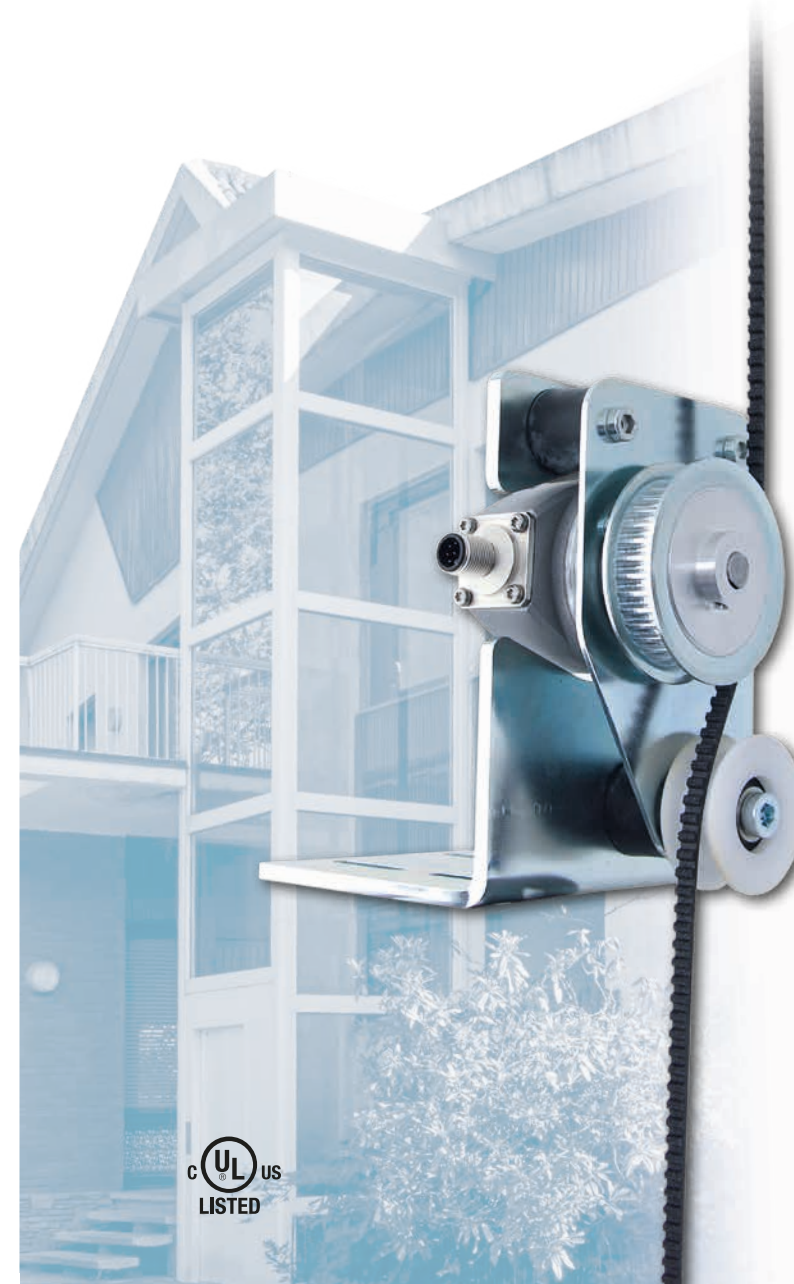


## Silent Move Compact

### Digital shaft copying

DEVELOPED AND  
MADE IN GERMANY  
5 YEARS WARRANTY

[wachendorff-automation.com/smcompact](http://wachendorff-automation.com/smcompact)



Especially designed for  
medium sized building applications

Guided belt measuring system

Compact design

Absolute position of elevator car

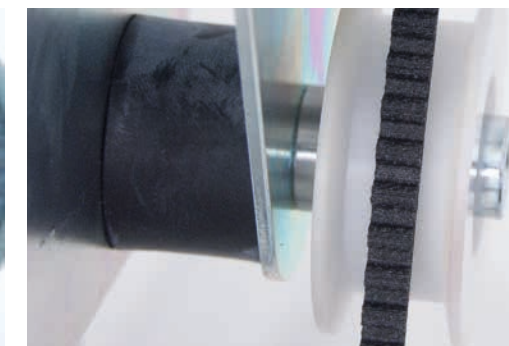
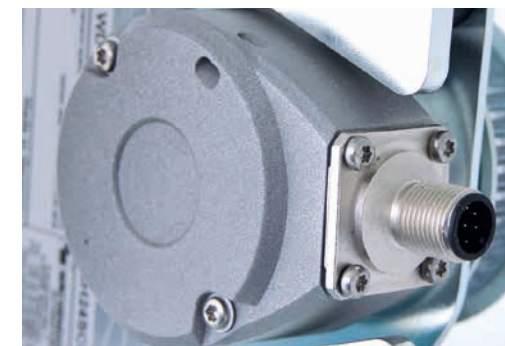
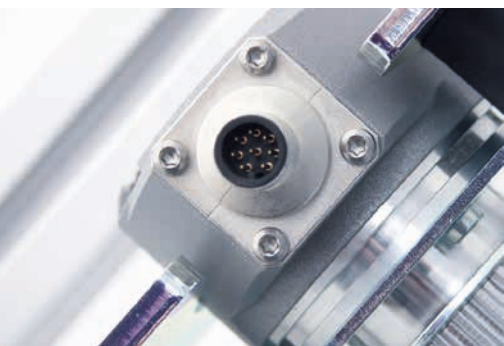
Optimized silencing

Available as incremental and  
absolute measuring system



## IndustrieROBUST





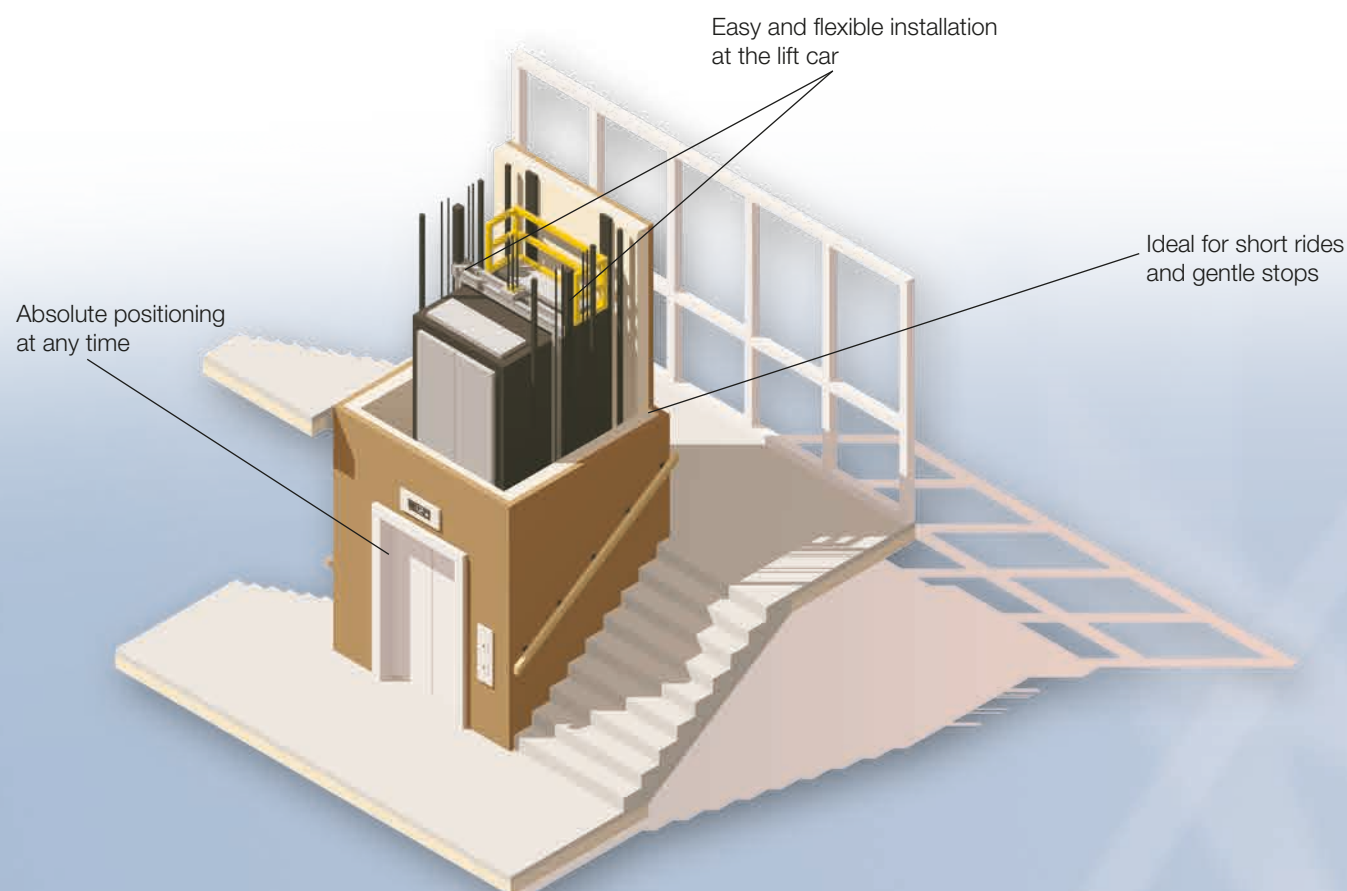
## Position and velocity ... measure reliably and accurately

For over 40 years, Wachendorff Automation has developed and manufactured systems and encoders for worldwide use in many different applications in the fields of mechanical engineering/ plant construction, elevator construction, mobile machinery and renewable energies.

Our more than 2,500 clients attest to our high quality and absolute customer orientation. And we stand behind the quality of our products with a five-year warranty on all of our encoder systems, an offer which is unmatched anywhere in the world!

In addition to incremental and absolute encoders, Wachendorff supplies the elevator industry with specially developed lift car positioning systems.

These systems have proven to be the optimal solution regarding customer comfort, customer security and an easy installation for a wide range of medium sized building applications: residential elevators or home lifts, hydraulic lifts, LuLa (Limited use Limited application) systems, cargo lifts or car lifts.

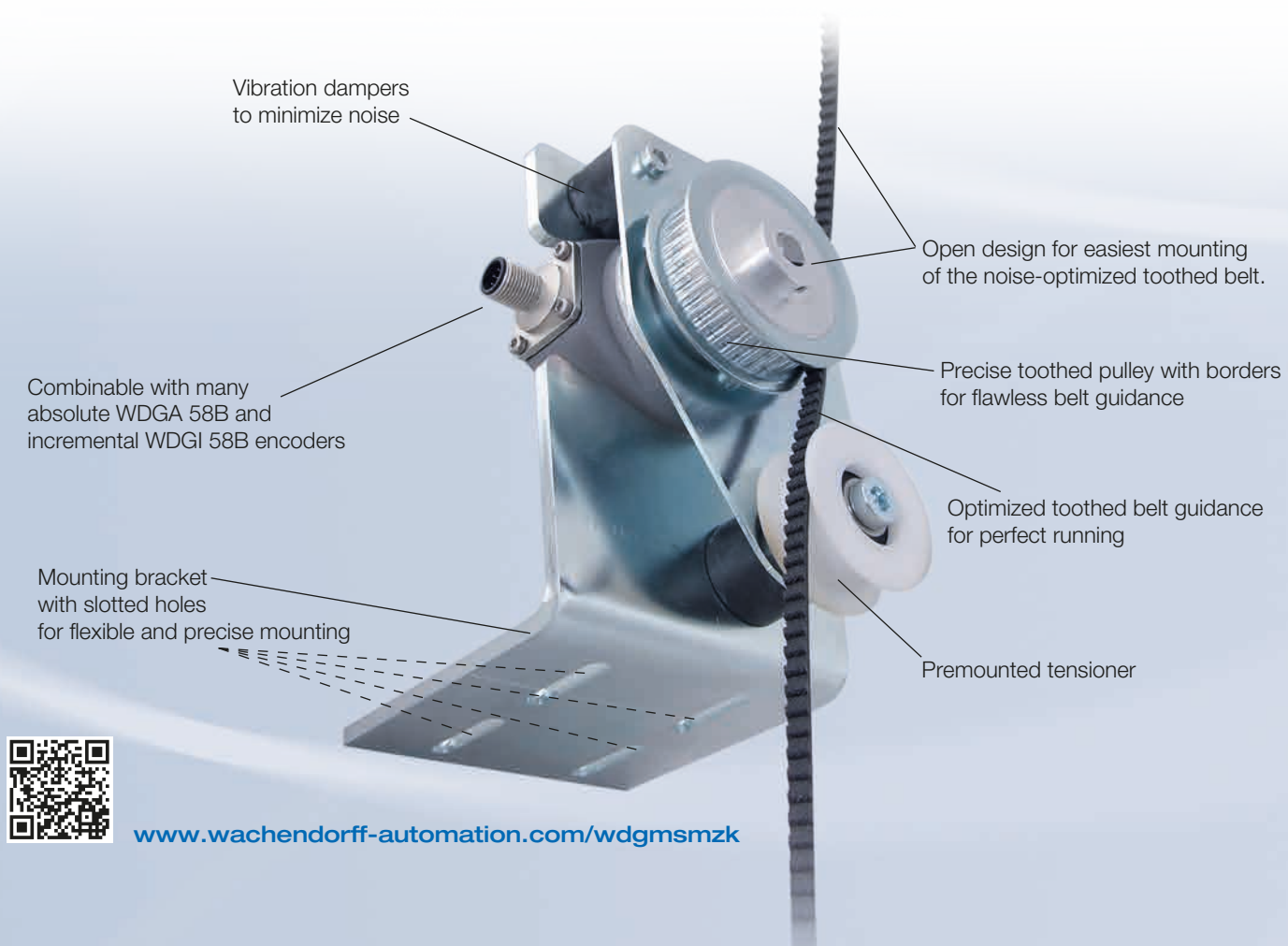


[www.wachendorff-automation.com/wdgmsmzk](http://www.wachendorff-automation.com/wdgmsmzk)



## Experience shows in detail ... Save time and space with the system

- Intelligent construction with encoders, preassembled toothed pulley and idler pulley, and optimally dimensioned vibration dampers ensure maximum operational reliability and easy installation.
- Very smooth-running special toothed belt securely guided through toothed pulley and idler pulley.
- Open, compact and thus space-saving design minimizes the work steps of the assembly and simplifies the safe insertion of the toothed belt.
- Ideal for short rides and gentle stops, thanks to its flexibility and easy handling.
- Self-contained sensor system eliminates risk of dirtying and other sensor disturbances in long-term operation, including harsher environments such as buildings located at the coast or in case of outdoor installations.
- Equipped with Wachendorffs patented EnDra multi turn technology, absolute positioning of elevator car even in the event of power loss. Additionally it offers a maintenance free and environmental friendly usage due to battery free magnetic sensing.
- Highly accurate position measurement to avoid trip hazards or unevenness.
- Easy to adjust the door zone individually and thus to optimize door opening before the car stops.
- Greater ride comfort and energy savings due to precise detection of speed and position with regard to the uniformity of the acceleration and landing.
- Cost efficient solution with value adding properties.
- Robust and reliable technology that ensures high position accuracy over many years.



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