

automation.com

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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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www.wachendorff-automation.com



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

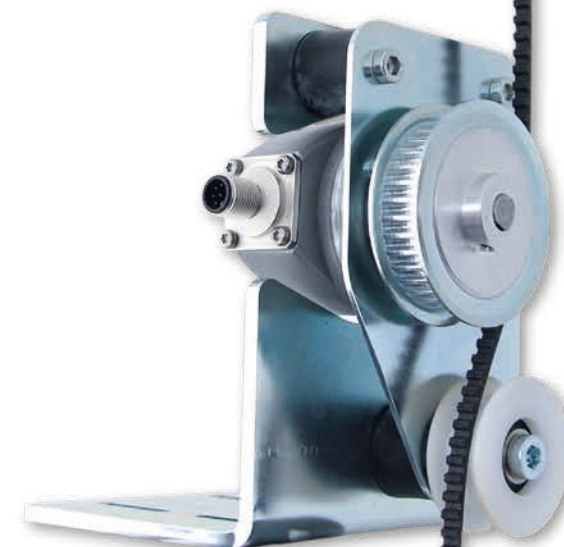
Guided belt measuring system

Compact design

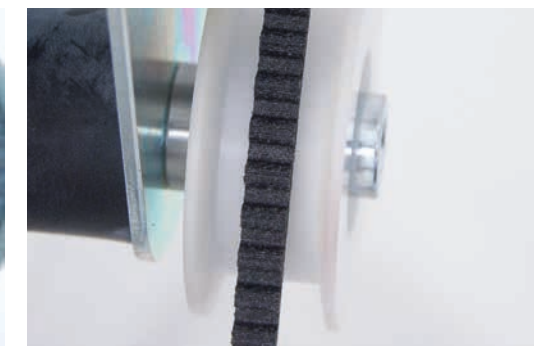
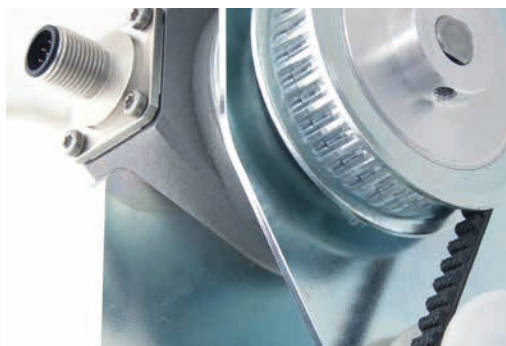
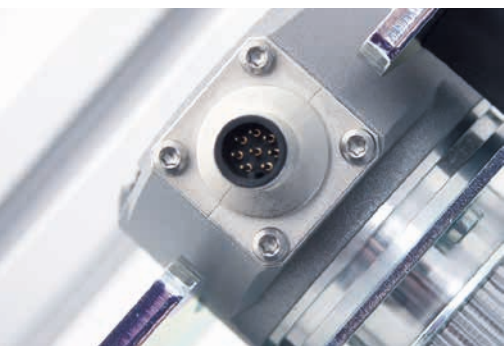
Absolute position of elevator car

Optimized silencing

Can be combined with many
WDGA 58B or WDGI 58B



Industrie**ROBUST**



Position and velocity ... measure reliably and accurately

For over 25 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 great flexibility and absolute customer orientation. Thanks to the great mechanical and electrical stability of our encoders and systems, we offer a five-year guarantee, an offer which is unmatched anywhere in the world!

In addition to incremental and absolute encoders, Wachendorff supplies the elevator industry with specially developed digital shaft positioning.

Wachendorff has succeeded to fit the electronics and mechanics of the revolving toothed belt system to your belongings, no more, no less.

The intelligent construction with encoders, preassembled toothed pulley and idler pulley and the optimally dimensioned vibration dampers ensure maximum operational reliability and easy installation.

The very smooth-running special toothed belt is securely guided out of the toothed pulley and tensioning roller. The open design minimizes the work steps of the assembly and simplifies the safe insertion of the toothed belt.

Combinable with many
WDGA 58B and WDGI 58B encoders

Mounting bracket
with slotted holes
for flexible and precise mounting

Open design for easiest mounting
of the noise-optimized toothed belt.

Optimized toothed belt guidance
for perfect running

Experience shows in the details ... Save time and space with the system

While designing the Silent Move Compact, we were fully oriented to your needs. Reduced to the essentials to save costs and space without losing sight of reliability, accuracy and robustness. Thanks to the open system and the mounting brackets with its four slotted holes, an optimal attachment to the elevator cabin is easily possible.

The pre-assembled tensioning roller prevents adjustment during operation and eliminates the need to adjust the tensioning roller during assembly because the correct tension of the toothed belt is ensured by the supplied spring.

Precise toothed pulley with borders
for flawless strap guidance

Premounted tensioner

Vibration dampers
to minimize noise

