



MusterdatenExtra1 Mustermann,

in this newsletter, we inform you about new products and innovative device features.

However, we prefer to be there for you on site, in a web conference or on the phone. Talk to us! Because the best ideas and solutions come from personal dialog!

You can find the direct line to us here:

[Contact partners](#)

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**The innovation for your production - simple and universal!**  
**Extremely small design : Plug & Play : Intuitive operation**

**The contactless optical sensor  
speedMATE**



measures the speeds of moving tracks and piece goods in order to monitor, control and regulate production systems.

**The big advantage: The measurement is non-contact, purely optical, without mechanical components and therefore slip-free.**

In applications and mechanical processes in which measuring wheels cannot be used due to sensitive materials, for example, the non-contact speedMATE with its high measuring accuracy is the ideal sensor.

The speedMATE can also perform a trigger function, i.e. emit a start pulse, e.g. for labelling devices, as soon as a previously defined increment value is reached. The speedMATE is suitable for almost all materials and surfaces - even for reflective and smooth glass surfaces.

See for yourself and visit our website for more information

speedMATE

## Labelling bottles with encoder WDGI 58A



The precise application of labels to bottles requires careful monitoring of the speed. Especially when the conveyor belt moves the bottles during the process. To ensure consistent positioning, the use of the WDGI 58A is recommended. This state-of-the-art full-shaft encoder not only enables precise positioning of the products, but also effective control of the feed speed. Various absolute interface options are also available. It can be mounted via a coupling.

### Features Incremental encoder WDGI 58A:

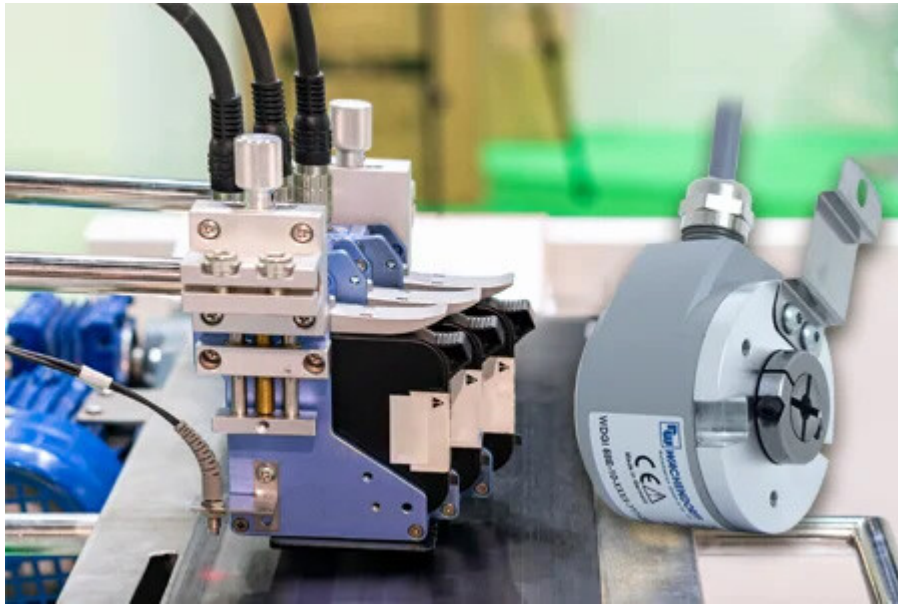
#### **NEW Feature:** Shortened shaft length 10 mm (Ø 6 mm) Option AIX

- Robust construction for industrial use
- Due to high-quality electronics up to 25000 pulses
- Protection to IP65, IP67, shaft sealed to IP65
- Dead-space-free radial shaft seal
- Full connection protection at 10 VDC to 30 VDC
- With early warning output
- Electrical interfaces: TTL/RS-422, HTL/Push Pull or SinCos 1 Vpp

- Optional:
  - 40 °C up to +85 °C
  - Pressure equalising membrane
  - Smooth- running low-friction encoder
  - Shortened shaft length

### Encoder WDGI 58A

## Marking with incremental encoder WDGI 58E



Marking work with printers in various applications, such as on cardboard boxes, requires maximum accuracy. This is because the positioning must be consistent and in the right place while the carton is in motion. The incremental WDGI 58E hollow bore encoders are ideal for seamless monitoring and simple installation. These can be mounted directly on the drive shaft and provide reliable measured values. Alternatively, solid shaft encoders can be mounted using a coupling.

### Features end hollow shaft encoder WDGI 58E:

- Rugged industrial standard end hollow shaft encoder
- High-quality electronics for up to 25000 pulses
- Connection: Cable connection radial, plug M23 or M12 radial
- Protection to IP65, IP67, shaft sealed to IP65
- Highest mechanical and electrical safety
- High protection class IP67, at shaft input IP65
- High interference immunity
- Full connection protection at 10 VDC to 30 VDC
- High output frequency up to 2 MHz

- Electrical interfaces: TTL/RS-422, HTL/Push Pull or SinCos 1 Vpp
- Optional:
  - 40 °C to +85 °C
  - Pressure compensation diaphragm

Encoder WDGI 58E

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If you have any questions - our sales team will be happy to help you.  
Give us a call or send us an e-mail.

Your contact persons

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Best regards

Your



**Steffen Negeli**

Head of Product Management

E-Mail: [sne@wachendorff.de](mailto:sne@wachendorff.de)

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Wachendorff Automation GmbH & Co. KG

Industriestr. 7

65366 Geisenheim,

Germany

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

[sales-wa@wachendorff.com](mailto:sales-wa@wachendorff.com)

Fon: +49 6722 9965-25

Local court Wiesbaden HRA 8377

General Manager: Robert Wachendorff

General partner: Wachendorff GmbH (Local Court Wiesbaden, HRB 20054)

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