



Dear Mr. Mustermann,

With our newsletter, we inform you about trade fair dates, new products, the quickest way to find your ideal encoder and much more.

Of course, we prefer to be there for you in person - at your premises, in a web conference or on the phone. Talk to us!

You can find the direct line to us here:

[Contact partners](#)

Visit us at the sps - smart production solutions

in Nuremberg from 12.11. to 14.11.2024
Hall 7A - Booth 7A-301

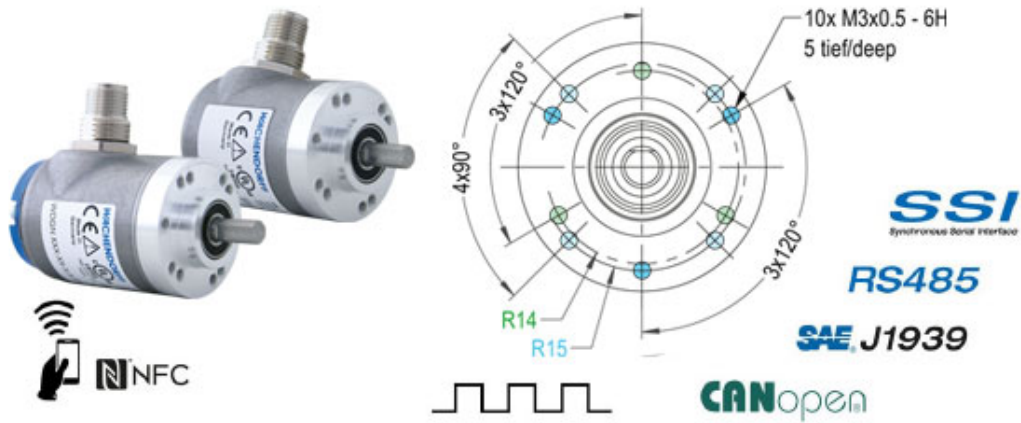
sps

smart production solutions

33rd international exhibition
for industrial automation

NEW: The new encoder types 36C

with extended hole pattern



The new type 36C rotary encoders offer three mounting options.

2x pitch circle R15 (Ø 30 mm): 4x 90°, 3x 120°

1x pitch circle R14 (Ø 28 mm): 3x 120°

The small and compact design with Ø 36 mm housing and Ø 6 mm shaft diameter is available as a magnetic incremental encoder or as an absolute encoder.

Magnetic incremental encoders 36C:



Encoder WDGI 36C
up to 1024 PPR
5 VDC up to 30 VDC

Encoder WDGP 36C
up to 16384 PPR
4.5 VDC up to 32 VDC

Encoder WDN 36C
up to 16384 PPR selectable
4.5 VDC up to 32 VDC

Absolute Encoders 36C:



Encoder WDGA 36C CANopen
16/43-bit Single-/Multiturn

Encoder WDGA 36C SAE J1939
16/32-bit Single-/Multiturn

Encoder WDGA 36C SSI
16/43-bit Single-/Multiturn

Encoder WDGA 36C RS485
16/32-bit Single-/Multiturn

Measuring systems - Draw-wire systems - Shaft copying systems

In addition to encoders, we offer complete length measuring systems, draw-wire systems and shaft copying with pre-assembled encoders.



Length measuring systems

Position, speed and length measurement
Up to 0.008 mm/pulse



Draw-wire systems

Stainless steel cable
Length 1.25 m - 40 m
incremental or absolute



Digital shaft copying

Nubbed and tooth belt
Heights up to 120 m
Speed up to 4 m/s

Top technological quality in extremely robust mechanics

The optimum combination of electronics, optics and mechanics in the devices make our encoders one of the most robust and reliable devices on the market. A high degree of protection, a wide temperature range and state-of-the-art electronics enable use even in very demanding applications.

[Encoder incremental](#)

[Encoder absolute](#)

You want to define the mechanics and electronics of your encoder

You already have an idea of which encoder you need for your application. Then use our rotary encoder configurator for incremental and absolute rotary encoders. Download your defined data sheet and we will be happy to send you a non-binding offer using the enquiry form.

[Encoder Configurator](#)

You want to be flexible with regard to the electronics of your encoder

The mechanics are fixed, but the electronics should be flexible.

With our **WDGN incremental encoders**, you can freely configure any number of pulses up to 16384 and HTL/TTL in the BAS version A, B, N, +

inverted, as well as in the ADV version 4 channels + inverted via NFC at any time.

With your mobile phone and our [app \(Android, iOS, Huawei\)](#) or at the PC with the [NFC Desktop Reader \(Windows\)](#) as an accessory.

Freely configurable encoders WDG N

You would like all-round technical advice

Our specialists in application consulting and customisation development will be happy to help you with technical questions and work with you to find the best solution for your application.



Kain Nagel

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Industry solutions with Wachendorff encoders and systems:

- Mobile working machines
- Wind energy
- Cranes
- Aerial rescue vehicles
- Automated guided vehicle
- Industrial automation
- Heavy Industry
- Markers and labeling machines



Industry solutions

Further reference projects can be found here.



Further reference projects

You would like a quote or do you have any other questions.

Our sales team will be happy to help you.

Give us a call or send us an e-mail.

Your contact persons

Best regards

Your



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Head of Product Management

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P.S.: We now also have a newsletter on LinkedIn...
click here to subscribe:

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