

WACHENDORFF

The Encoder Experts



Configurable encoder WDGn

As simple and secure
as contactless payment

DEVELOPED AND
MADE IN GERMANY
5 YEARS WARRANTY

wachendorff-automation.de/wdgn



Configurable
via NFC

Incremental 1 up to 16,384 ppr adjustable

Contactless and voltage-free
via Smartphone or Tablet with NFC

HTL / TTL selectable

Zero position settable

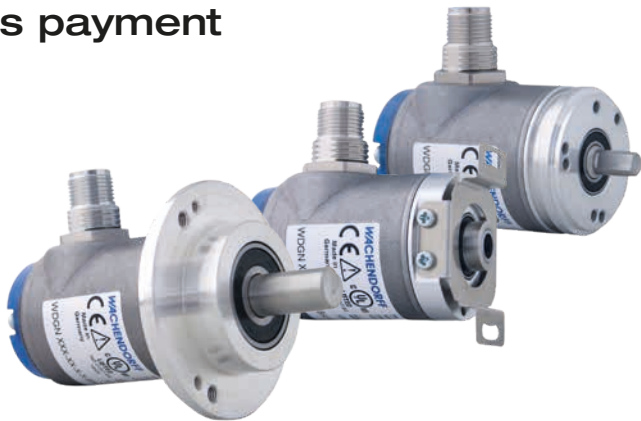
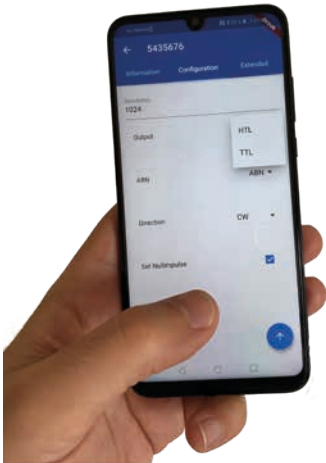
Robust thanks to magnetic sensor technology



Industrie ROBUST

Configurable encoder WDCN

As simple and secure as contactless payment



Configurable via NFC

The encoders of the WDCN series can be easily configured with a smartphone or tablet contactless via NFC using our app, without the need for special programming boxes for which you still need the appropriate adapter cable and a power supply. You have the possibility to adapt the encoder quickly and intuitively to your individual application. Once the configurations of an encoder have been created, they can be saved with different names, load them again at any time and transfer them to another encoder. This allows stored configuration sets to be used for the encoder in different applications. After entering the PIN you can read out the configuration set of an encoder at any time, save it, share it and continue using it for other encoders. For security we use the principle of PIN and PUK, like with your mobile phone provider.

Special requirements, no problem

You have very special requirements and needs for instance 3 channels, but each channel should have a different number of pulses, this is no problem for the WDCN encoder. Therefore we have developed the WDCN in the advanced version for you. Compared to the basic, which is a standard incremental encoder

with the channels A, B, N and the inverted ones, where A and B channels have the same number of pulses, you can configure each channel individually with the advanced version. There are even 4 channels with the corresponding inverted outputs available.

Safety has top priority

Special attention was given to data security. All data transmitted via NFC is encrypted. Unauthorised configuration of the encoder is not possible without the correct password. The user receives a conformation after transfer.

Your advantages:

You are a machine/system manufacturer and you have different requirements for incremental encoders in your machines: You only need to stock one WDCN encoder and configure it during the order picking, during the production or when commissioning the machine on site.

If you are an end customer or distributor, you can configure the WDCN encoder even in the packaging for exactly your customer or application without having to connect it to a power supply. All this is possible worldwide without an Internet connection as soon as you have installed our application.

Technical Data	Basic	Advanced
Power supply	4.75 VDC up to 32 VDC	
Channels	ABN and inverted	ABN and inverted, ABCD and inverted or e.g. UWW
Output circuit	HTL / TTL selectable	
Pulses per revolution	1 up to 16384 adjustable	
Pulses per revolution individually selectable for each channel	no	yes
Zero position settable	no	Per NFC oder Eingang
Width and position of pulses	standard	Width and position adjustable
Pulse frequency	max. 1 MHz	
Models 36 and 58	Shaft- / Endhollowshaft; connector (8 pin or 12 pin) / cable; axial / radial	

Any Questions? Just call us at +49 (0) 67 22 / 99 65 414, send us an E-Mail to support-wa@wachendorff.de or call your local distributor: www.wachendorff-automation.com/distri

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Your distributor: