



Dear Mr. Mustermann,

in addition to the Wachendorff WDGn app, we offer you the new NFC Desktop Reader, an accessory for all our WDGn encoders that allows you to configure them with a Windows-based desktop PC.

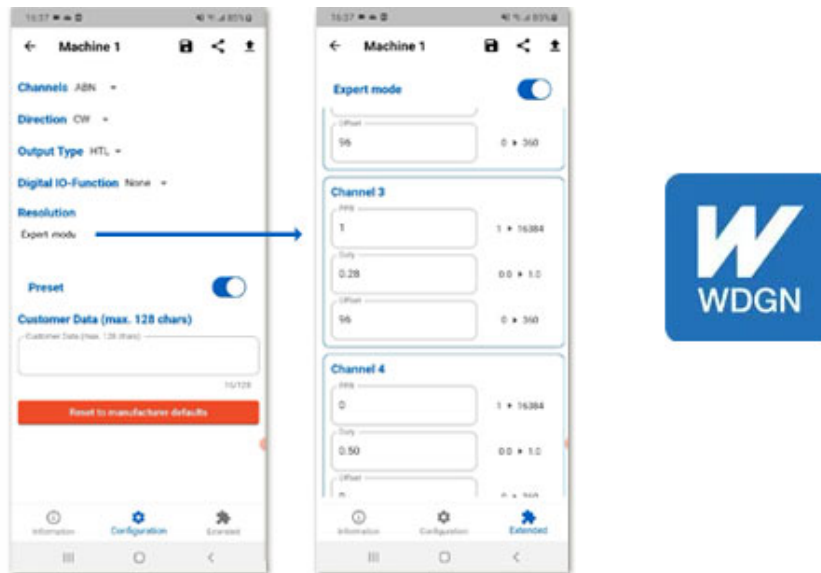
NEW: NFC Desktop Reader for all configurable WDGn encoders



- For parameterizing all WDGn encoders via PC/notebook
- Compact device with NFC technology
- Interfaces: USB 2.0 CCID (USB 1.1 / 3.0 compatible)
Communication 12 Mbps (USB 2.0 full speed)
- Contactless: Supported standards ISO 14443 Part 1 to 4 /
ISO 18092 Protocol T=CL

[NFC Desktop Reader](#)

Any number of pulses up to 16,384 I/U can be configured via NFC Desktop Reader or smartphone app (NFC).



The WDGN series of incremental encoders allows you to configure any number of pulses from 1 to 16,384 I/U via NFC. Depending on the configuration, Basic or Advanced, additional parameters can be set. You can find detailed information on configuring the Basic or Advanced version in our videos.

[Video Basic](#)

[Video Advanced](#)

Features incremental encoder series WDGN:

- Any number of pulses up to 16,384 I/U can be configured via NFC using desktop reader or app thanks to high-quality electronics
- Incremental, magnetic, signal form: square wave
- HTL/TTL and other parameters configurable via NFC
- Protection class IP67, IP65 or IP67/IP69K at the shaft input
- High output frequency up to 1 MHz
- Reverse polarity and short-circuit protection at 4.75 VDC to 32 VDC
- Axial or radial connector outlet

The following types of the WDGN encoder series are available:



Encoder WDGN 36A
Shaft Encoder



Encoder WDGN 36C
Shaft encoder

Servo flange: Ø 36 mm
Shaft: Ø 6, 8 mm, 1/4"

Round flange: Ø 36 mm
Shaft: Ø 6 mm



Encoder WDG 36E

Hollow bore encoder
Housing: Ø 36 mm
Hollow bore blind:
Ø 6 mm, 1/4"



Encoder WDG 36E

Hollow bore encoder
Housing: Ø 36 mm
Hollow bore blind: Ø 12, 14, 15 mm;
Ø 8, 10 mm with adapter sleeve



Encoder WDG 36J

Shaft encoder
Servo flange: Ø36 mm
IP Rating IP67+IP69K
Shaft: Ø 10 mm
300 N axial/radial



Encoder WDG 36K

Shaft encoder
Round flange: Ø 36 mm
Shaft: Ø 8 mm



Encoder WDG 36S

Shaft encoder
Screw flange: Ø 36 mm
Shaft: Ø 6 mm



Encoder WDG 58A

Shaft encoder
Servo flange: Ø 58 mm
Shaft: Ø 6, 10 mm



Encoder WDG 58B

Shaft encoder
Clamping flange: Ø 58 mm
Shaft: Ø 6, 8, 10 mm, 3/8"



Encoder WDG 58E

Hollow bore encoder
Housing: Ø 58 mm
Hollow bore blind:
Ø 12, 14, 15 mm;
Ø 6, 8, 10 mm with
adapter sleeve

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

Visit us at Automation Expo India
from 11th to 14th August 2025
in BEC, Goregaon, Mumbai
Hall 6, Booth H13,14.



Visit us at IAS Shanghai China
from 23.9.25 - 27.09.25
at National Exhibition and
Convention Center Shanghai



Visit us at Pack Expo Las Vegas
from 29.09.25 - 01.10.25
at Las Vegas, Nevada
Booth No. SL-10061



We are excited to welcome you to our stand!

Best regards
Your



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