

# WACHENDORFF

The Encoder Experts



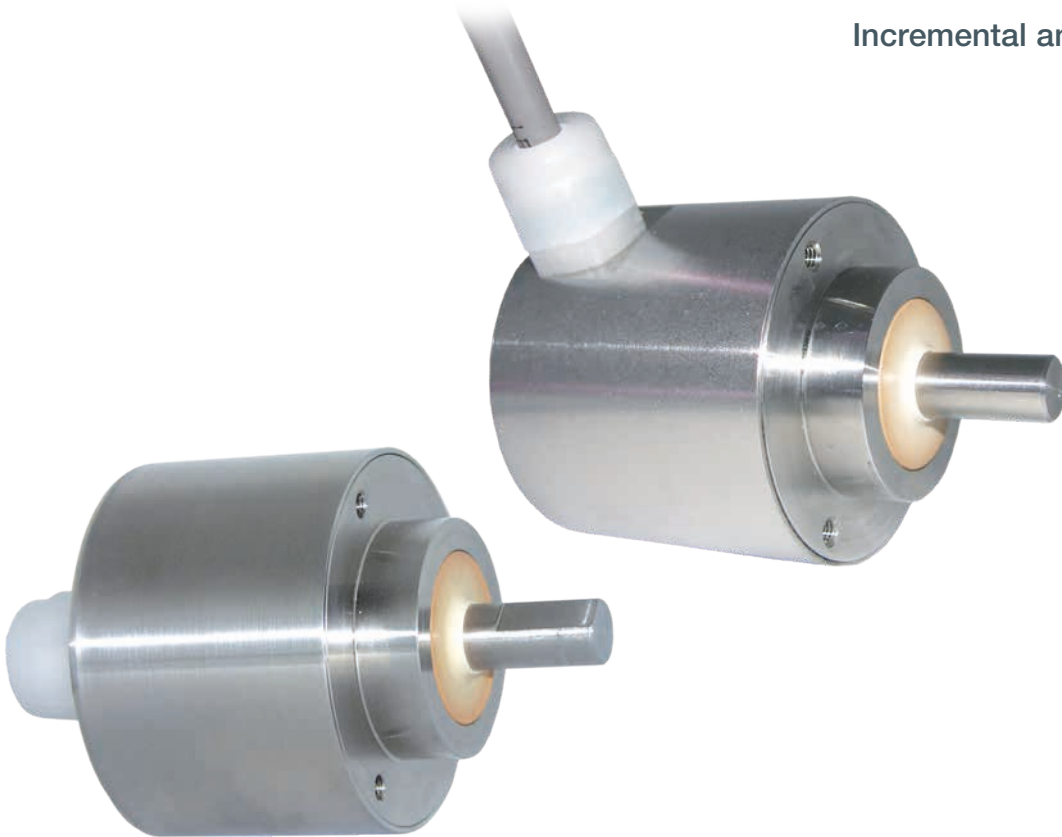
## Encoders high pressure suitable Protection against cleaning agents in high pressure / steam cleaning

DEVELOPED AND  
MADE IN GERMANY  
5 YEARS WARRANTY

[wachendorff-automation.com/wdg58v](http://wachendorff-automation.com/wdg58v)

First class in food and beverage industrie  
High protection IP67 all around and IP69K



Extremely robust  
Incremental and absolute



**Industrie ROBUST**

# Encoder high pressure / steam cleaning suitable

## ... Protection against cleaning agents in high pressure / steam cleaning

	Encoders WDG incremental	Encoders WDGA absolute
		
Type:	WDG 58V	WDGA 58V
Material: Housing, flange, shaft	stainless steel, V4A	
Flange:	clamping flange	
Resolution:	up to 25.000 I/U	up to 14 bit ST / 40 bit MT
Flange Ø:	D=58 mm	
Shaft:	D=10 mm; L=18 mm	
Max. operating speed:	3,600 rpm	
Permitted load on shaft end:	max. 100 N radial, max. 100 N axial	
Output circuit / interface:	TTL, RS422 comp., HTL	CANopen, SSI, SAE J1939, RS485
Output channels:	AB, ABN and inverted signals	-
Max. pulse frequency:	up to 2 MHz	CANopen, SAE J1939, RS485: up to 1 Mbaud SSI: up to 500 kHz (up to 2 MHz on request)
Power supply:	4.75 VDC up to 5.5 VDC 10 VDC up to 30 VDC 5 VDC up to 30 VDC	CANopen: 10 VDC up to 30 VDC SSI, RS485: 4.75 VDC up to 5.5 VDC 10 VDC up to 30 VDC SAE J1939: 10 VDC up to 32 VDC
Operating temperature:	-20 °C up to +80 °C	
Protection rating:	IP67 all around and IP69K salt mist IEC 60068-2-11	
Further information: www.wachendorff-automation.com	/wdg58v	/wdga

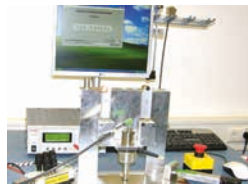
### Your success: being innovative together

- Many years of expert application consultancy
- Sustainable and systematic, ISO certified
- „Made in Germany“, 5-years warranty

Wachendorff Automation, a member of the Wachendorff Group, develops and manufactures industrial-grade and automotive-grade encoders and systems. Developing-accompanying and extensive design tests ensure the reliable and long-lasting

application (as can be proved) in many industrial branches and mobile working machines in the roughest environmental conditions. This guarantees reliable and long-lasting applications under the most exacting on-site conditions. Software-controlled manufacturing ensures the complete traceability of each individual device. More than 750 individual serial solutions are in use around the world.

Wachendorff Product Management and our R&D team look forward to meet your challenges!



**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](http://www.wachendorff-automation.com/distri)

# WACHENDORFF

The Encoder Experts

Wachendorff Automation GmbH & Co. KG  
Industriestrasse 7 • D-65366 Geisenheim

Tel.: +49 (0) 67 22 / 99 65 - 25  
E-Mail: wdg@wachendorff.de  
www.wachendorff-automation.com

2024



Your distributor: