

WACHENDORFF

The Encoder Experts

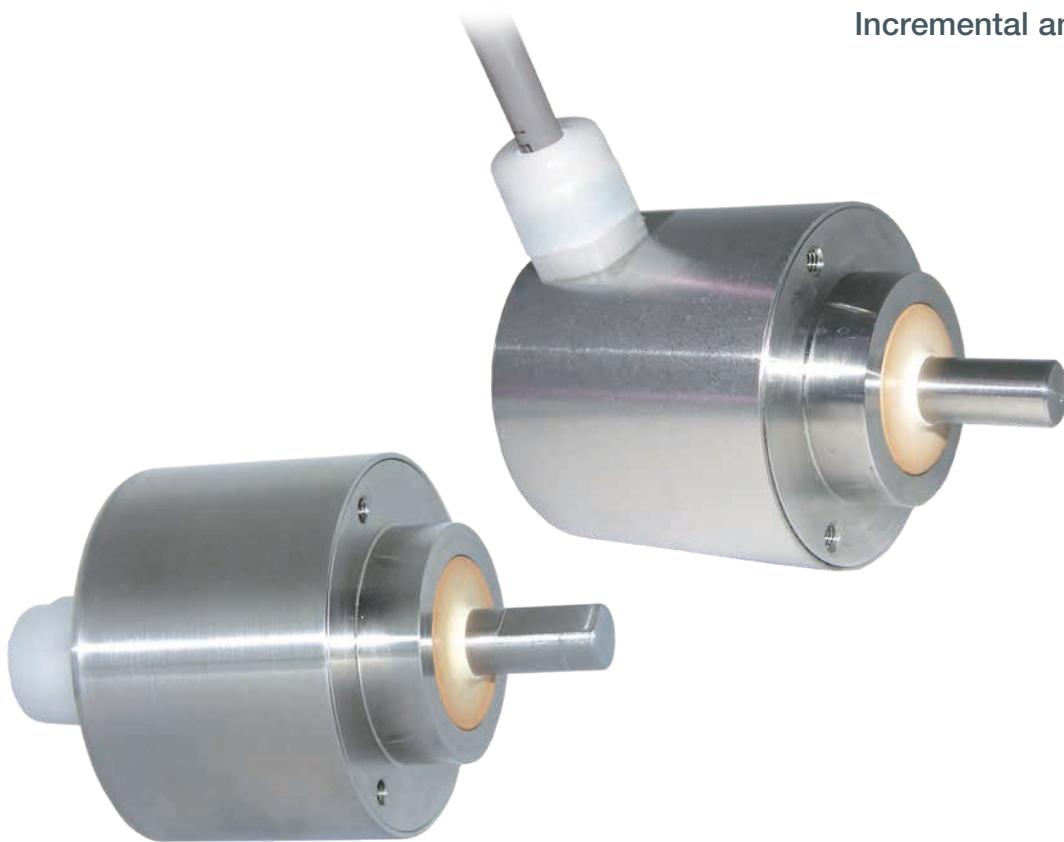


Encoders high pressure suitable Protection against cleaning agents in high pressure / steam cleaning



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 |

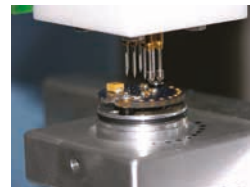
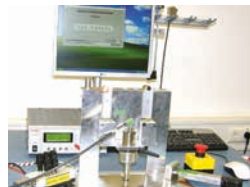
Your success: being innovative together

- 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

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2024

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