

# Measuring and Draw-wire systems, Installation Kits ... proven total solutions



- Intelligent, standardised systems for many sectors
- Innovative solutions, including accessories
- Quick, simple installation
- Very long service life

[www.wachendorff-automation.com/draw-wire](http://www.wachendorff-automation.com/draw-wire)  
[www.wachendorff-automation.de/inst-kit](http://www.wachendorff-automation.de/inst-kit)

## Very accurate SZG draw-wire systems

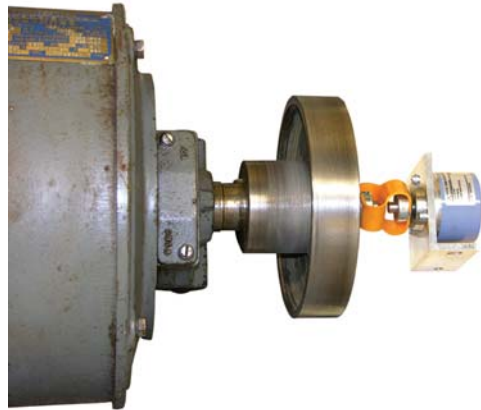


The SZG draw-wire systems are extremely rugged length (displacement) measuring systems with measuring lengths up to 43 metres.



With these systems linear movement is detected by the unwinding of a steel wire from a precision drum. High precision mechanics ensure that the stainless-steel wire remains under constant tension and is accurately guided. Excellent linearity is thus obtained over the whole measuring range. The incremental or absolute encoder that is mounted onto the draw-wire system supplies accurate position data for the evaluation electronics.

## Installation kits for frequency-controlled drives



The complete easily-installed mounting kit offers a simple, economic retrofit option for coupling a motor to a frequency inverter. Naturally the right connector for your inverter is available.

## Length measurement system



The industrially rugged WDG 58B encoder, in conjunction with the Wachendorff spring lever and a measuring wheel that has been mounted directly onto the encoder shaft, offers a easy method of accurate length measurement. To display the measured length or speed, simply connect a Wachendorff PAXI indicator, which can also provide the sensor power for the encoder.