

# Torque Sensor DR-4000



## At a glance

- 2x digital interfaces, USB and RS485
- R485 or frequency output
- 2x analog outputs, current or voltage option
- With configuration and analysis software
- Speed and angle measurement
- Accuracy class 0.1 optional 0.05
- 100% control signal or TEDS
- 2 x Open Collector with <100V and <1A
- Easy to use and install
- Special versions available on request

## Description

The DR-4000 torque sensor allows the measurement signal to be recorded digitally and analogously by combining the previously individually available output types in a stator electronic. The contactless transmission between the rotor and stator ensures that the measurement data is transmitted without signal distortion and is maintenance-free. Up to 2500 measurements per second are possible with immediate digitization of the measurement signal.

No additional power supply is required for USB operation. The calibration data of the sensor are stored in the TEDS and allow for quick plug & play operation.

Operation via the RS485 interface is characterized by a particularly high level of interference immunity, even with very long connection cables.