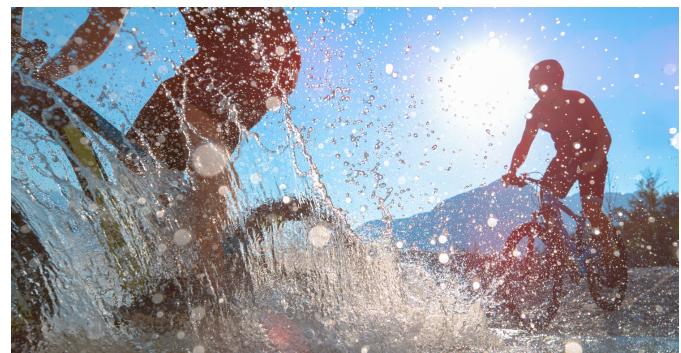


Smart Drive Sensor Solutions for E-Bike Applications



We offer a variety of smart drive sensors that precisely measure torque and cadence. Our non-contact technology applied to any e-bike drive-system is robust against dirt and vibrations and ensures an optimal riding experience.



Custom-Made Solutions

We integrate our sensor-solutions no matter how small the installation space may be. We fulfill our customer's specific requirements and stand by as a realization partner for the taylor-made installation in the requested product-designs.



Large Scale Production

We are your partner to make it real from the start-up-garage innovation to the series production, even in large scales - automotive standards or similar.



Quality - Made In Germany

NCTE's contactless torque sensors are fully developed and produced in Germany - maintenance-free - as long as the e-bike rides. Our sensor-production meets the highest environmental standards with a transparent supply chain.



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Our Sensors Measure Torque and Cadence According to Your Specific Requirements:

| SENSOR APPLICATION | SENSOR TYPE | INSTALLATION SPACE | OUTPUT SIGNAL* |
|---------------------------|-------------|---------------------|---|
| Mid-motor | Customized | Customer need | Analogue or Digital: CAN-Bus/I2C/UART |
| Rear-hub motor | Customized | Customer need | Analogue or Digital: CAN-Bus/I2C/UART |
| Rear- or front- hub motor | Standard | BB BSA 68/73 mm* | Cadence: Analogue/Digital Torque: Analogue |

In addition to our e-bike-solutions, we also offer a variety of standardized sensors i.e. for test bench applications. For more product information: www.ncte.com/en/standard-products/

*different specification at customer request

Small Sensors. Great Effect.

Due to their designs, our sensors are extremely lightweight and can be flexibly integrated into any application. No matter if middle, rear- or front-hub applications, the sensor can be easily fitted due to our customizable solutions.

Once installed, the sensor recognizes how hard the rider is pedaling and the e-bike immediately adjusts its electric drive without delay.

The result is a harmonious riding experience. The sensors may not be visible, but everyone will feel it immediately when the e-drive responds without jolting - uphill or downhill, in any terrain.



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