



## Rolling mills / coiler: safety-certified position monitoring on the coiler motor

- Several signal and switching outputs from one device
- Safe speed monitoring for direct integration into the safety chain
- Signal transmission via fiber optic cable
- Easy configuration of parameters for the electronic position and speed switches



The basic unit of the U-ONE universal encoder system at the installation site.

### Task

The customer required a robust encoder for a coiler motor, the transmission of the position signals via fiber optic cable, and safety-certified speed monitoring.

### The Hübner Giessen solution

We provided the customer with our well-known and robust U-ONE universal encoder system with signal transmission via fiber optic cable. The encoder system is designed for use in the heavy-duty industry and offers high shock and vibration resistance and a high degree of IP protection.

The modular design of the U-ONE encoder system provides the customer with a tailor-made solution with transmission of all required signals and contacts from one device. What's more, the system can also be extended at a later point in time without requiring changes to the mechanical connection.

Here, Hübner Giessen has yet again provided a complete solution including a torque bracket and an adapter shaft.

### Products

- U-ONE universal encoder system
- Adapter shaft
- Torque bracket



Function modules of the U-ONE universal encoder system in the switchboard.

More information: [www.huebner-giessen.com/en/applications](http://www.huebner-giessen.com/en/applications)