



Coil crane / hoist & traversing gear: a reliable absolute encoder for coil handling cranes

- Achieving various safety functions with a SIL 3 / PL e certified encoder
- An extremely reliable and fail-safe encoder solution thanks to a robust design
- A complete solution including all mechanical add-on components
- Mechanical add-on components designed according to the fault exclusion method pursuant to ISO 13849



The AMPNH 41 absolute encoder on the traversing gear.

Task

To supply a robust encoder for a coil handling crane.

The Hübner Giessen solution

Delivery of our well-known and robust AMPNH 41 absolute encoder with a positive-fit shaft connection using feather keys. The encoders are designed for use in the heavy-duty industry and offer high shock and vibration resistance and a high degree of IP protection.

The two-channel system architecture with a 28-bit resolution and SIL 3 certification guarantees reliable positioning in a safe state at all times.

Here, Hübner Giessen has yet again provided a complete solution including a reliable torque bracket and an adapter shaft designed according to the fault exclusion method.



The AMPNH 41 absolute encoder on the hoist.

Products

- AMPNH 41 absolute encoder
- Adapter shaft designed according to the fault exclusion method
- Torque bracket designed according to the fault exclusion method