

ERD with DRIVE-CLiQ encoder interface

Target position:

Further development of the ERD product series for integration into the world of SIEMENS drive controllers and enables complete replacement of the previous product MRD-S.

Unique selling points:

DRIVE-CLiQ interface for direct connection to SIEMENS drive controllers

Customer benefits:

- Direct pluggable connection
- Continuous and modular encoder system
- Absolute position measuring system
- TÜV certified measuring system according to SIL2/PLd

Timetable and quantities:

Technical release	→ 31.10.2020
Sales release	→ 10.12.2020
Start communication (with ERT DQ)	→ 28.01.2020



Explanation additional costs

Additional costs:

The costs of the product series ERD with DRIVE-CLiQ interface are approx. 25% higher than the standard version with certified HIPERFACE interface.

Causes:

- New interface with lower quantities
- Additional PT 1000 (temperature sensor) necessary for DRIVE-CLiQ interface
- Additional housing adaptation necessary (ERD becomes higher!)

Differences to MRD-S with incremental interface for Siemens:

- No costs for additional SME Box (approx. 230€)
- No costs for additional encoder cable to the SME Box

→ Simpler and more cost-effective cabling



Difference electrical connection ERD and MRD-S for Siemens

Controller Siemens SINAMICS

