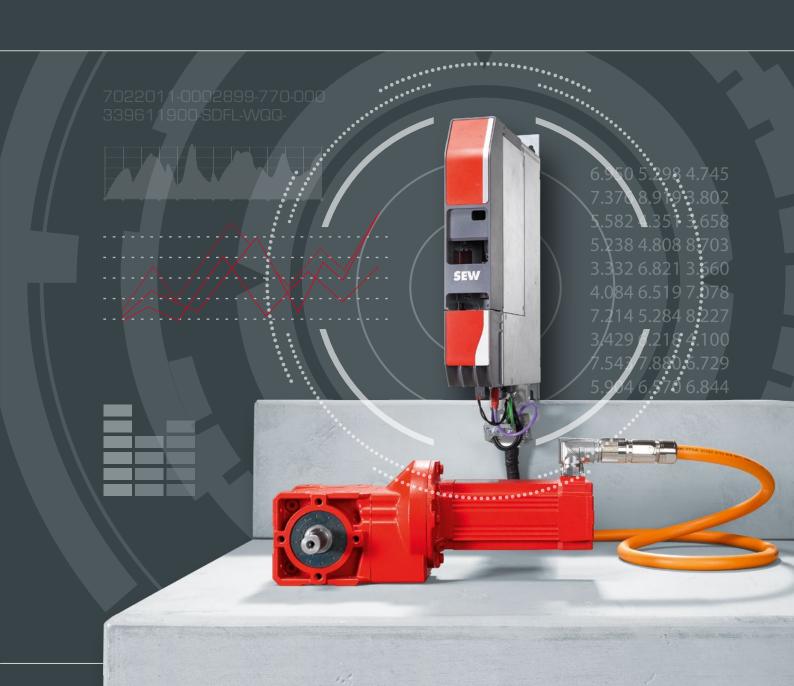


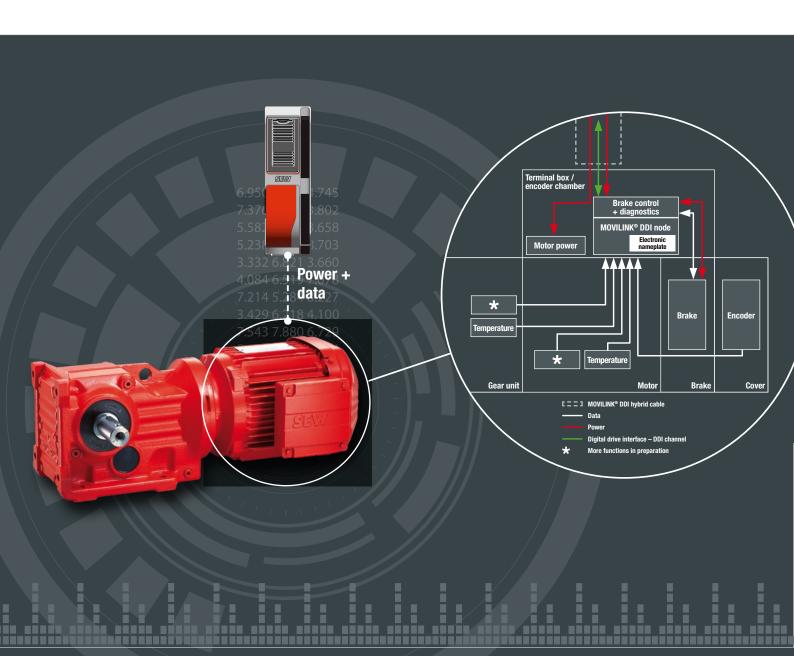
MOVI-C® goes DriveRadar®

Digital motor integration with MOVILINK® DDI – enable connectivity and digitalization



Improving system availability with DriveRadar®

The umbrella brand DriveRadar® combines intelligent and scalable services for a smart, networked factory. Thanks to these services, users can monitor and analyze simple electromechanical components, individual process steps, or entire systems. This makes it possible to predict the condition of systems and schedule maintenance work. DriveRadar® significantly improves product and system availability (OEE). Drives need to communicate more to share and interpret information and data. This is exactly where digital motor integration comes in.



MOVILINK® DDI digitalizes drives

With MOVILINK® DDI — digital motor integration from the MOVI-C® modular automation concept — you can make functions your factory will need in the future a reality right now. The basis for this is our single-cable technology, which we use to connect drives to power and data.

All inverters forming part of the MOVI-C® modular concept are equipped with MOVILINK® DDI communication technology. The drives are given a MOVILINK® DDI data node that acts as the digitalization hub. All communication between drive and inverter takes place via this data node, as does control of the numerous MOVILINK® DDI options.

MOVILINK® DDI – digital motor integration

Your benefits

- DriveRadar® from SEW-EURODRIVE is supported by a digitalized drive
- Connectivity system for motor, inverter, encoder, brake, sensor, and other options
- Optimized parts logistics
- A single cable for all motors and drives
- Significantly shorter installation times
- Plug & play thanks to automatic startup
- Electronic nameplate with digital twin
- Fully integrated motor temperature management

- Integrated connection of encoders in all performance classes
- Brake by wire digital control of working and holding brakes*
- Direct monitoring of braking system wear*
- Optional condition monitoring integrated in motor*
- Intelligent self-diagnosis functions from bearing monitoring to sensors for oil aging and mounting position*

* In preparation



For more information about DriveRadar®, MOVILINK® DDI, and the extensive service and product portfolio, please visit www.sew-eurodrive.com



www.sew-eurodrive.com



SEW

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