

Drive systems for decentralized installation with non-proprietary interfaces

**ECOFAST®**  
**Energy and Communication**  
**Field Installatin System**



## Open and innovative solutions in decentralization without control cabinet

When it comes to selecting individual components of decentralized installation technology for optimum functionality and efficiency in a manufacturing automation process, it is often very difficult to do this with the extensive and almost unmanageable range of products offered by individual OEMs.

Leading companies have come together as ECOFAST® system partners to develop an open and non-proprietary system solution for decen-

tralization without control cabinet that leaves plenty of space for innovative concepts. For more standardization in automation and drive engineering.

The basis for this concept is the completely decentralized installation and direct machine assembly of the units. Next to the communication via PROFIBUS-DP and AS-Interface, the power supply of the consumers in the ECOFAST®

system takes place in linear fashion via an energy bus. All automation, drive and installation components are combined in a comprehensive solution with a standardized connection system for data and energy transfer. Communication via standard fieldbuses and completely standardized interfaces based on the Desina specification make ECOFAST® an open and non-proprietary system solution.



### ECOFAST® conforming drive systems from SEW-EURODRIVE

- Gearmotors ..DT../ASK1 in the power range from 0.37 kW to 5.5 kW
- Field distributor segments in the following combinations:
  - MQP.4D / Z26F / AF4
  - Field distributor with MOVIMOT® gearmotors
- MQP.4D / MM... /Z28F ../AF4  
Field distributor with associated gearmotors
- MME15C-503-41  
Motor control device in combination with gearmotors
- Pre-fabricated system cables and hybrid lines with plug connectors

*ECOFAST® is a registered trademark of the Siemens AG*

### Goals of the ECOFAST® system partners

- Standardization of interfaces in decentralized installations
- Standardization of connection technology for mains, 24 V and communication
- Universal component range from drive to control
- Efficient planning through uniform project planning software
- Open, non-proprietary system

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