



INTELLIGENT MOTION CONTROL

Increased performance
for your drives!



MOTION CONTROL

electronics + design

CUSTOMIZED SOLUTIONS FOR MOTION CONTROL



Our experienced engineers will work with you to develop a custom design – from the implementation of your circuitry through the assembly of the device. We will also perform routine testing of the electronic drive unit – under normal load conditions – to ensure proper performance.

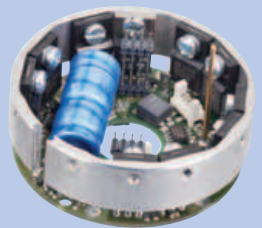
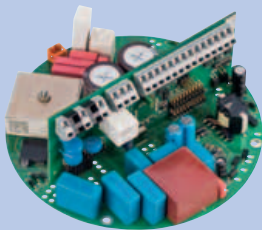
ELECTRONICS

Engineering

- EC-drive electronics with sensor and sensor-less controls
- BLDC-solution, four quadrant chopper including software development
- PCB design in starr or starr-flex specification
- Inverter solutions for drive systems with focus on specific low-cost designs, 110/230/400 V power supply, service range up to 5 kW
- Speed controller for universal motors (phase controlled modulator)
- Electronic starter for wear-free operation of single phase AC-motors
- Electronic devices for drive applications (e.g. rectifiers for motor brakes, encoders, speed sensors)
- Fieldbus-interface solutions

Electronic Manufacturing

- COB, Thick film hybrids, THT, SMT



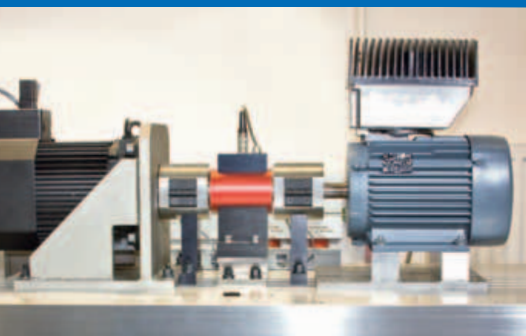
ELECTRICAL ENGINEERING & ASSEMBLY

- Fitting the electronic module into the motor housing
- Protection of the electronics against environmental stress for robust applications (IP67, vibration and shock): surface coating, potting, molding
- Integration into machine housing
- Connectivity by cable, connectors or terminals



TEST EQUIPMENT · SOFTWARE · PARAMETERIZATION · OPERATION

- Equipment undergoes routine testing, including under load conditions, performed during the development and manufacturing stages.
- Multifunctional tests evaluate technical parameters, including data logging data of part progression
- Complete software tools
- Parameterization for Windows-User interface
- Control units and interface connection



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