Summary Products and Services

Intelligent Print Mark Detection Sensor IDS

Intelligent Print Mark Detection Sensor for the universal and straight-forward integration of register controls as part of drive automation systems from different providers. Powerful and cost efficient detection of all common classical print marks (wedge- and block-print marks). Optical sampling with fibre optic link and microobjective. Connection to the drive automation system via real time ethernet (PROFINET IRT, EtherCAT in preparation). Employed f. i. in the "SIMOTION TRC 1000 register control" of Siemens.

Electronic Drive Control Systems with Accompanying Drives

Dynamic and precise controls for electronic coupling of axes, positioning and for special functions with the basic modes: electronic gear, electronic cam disk, continous path control, positioning.

Expandable with a compact and powerful register control for dynamic and precise length- and side-register control in printing presses. Wide range of functions combined with straight-forward operation.

Control Electronics for AC- and DC-Drives

Complete digital closed loop control of AC-drives (synchronous and asynchronous) up to highest demands in regard of dynamic and precision. Analogue and digital closed loop control electronics for DC-drives.

VME- and PC-Modules

Plug in boards for special tasks with standard bus interfaces: VME High-End Analysis Board for Position Encoder Systems with EnDat2.2 Interface, High Resolution VME- and PC-Counter Boards, VME I/O-Board, IP-Modules a.s.o.

SBC 7000 - Single Board Computer with VMEbus I/O-Interface

CPU-Board with high performance and compact setup. Usable as single board solution or, expanded via the VME-I/O-interface, as CPU of a complete industrial control system.

Interface Products for Encoders

High resolution analysis of sine-wave encoders (rotary- and length-measurement).

Electronics for Special Applications

Special application closed loop control electronics for AC- and DC-drives. Employed f. i. for the control of all important rotational and translational axes in Klingelnberg measuring machines.

Customer specific µC-machine controls (f. i. for a drilling machine feed).

Services

Hard- and software development according to the guidelines of the customer.

Closed loop control analysis and optimization of electric drive systems (vibration stabilization).