

Interfaces for servo amplifier

Sieb & Meyer offers option modules for their servo amplifier SD3 with CAN, CANopen interfaces and others. The interfaces open up application possibilities for example in machine tool industry or automotive industry.



Besides CAN and CANopen, the option modules are also available with Profinet, Ethernet, and Ethercat (Photo: Sieb & Meyer)

With the servo amplifier, the company offers a solution for drive tasks as high-dynamic positioning applications or servo-driven fastening and press technology. "Some application fields, however, are subject to strict regulations with respect to the fieldbus system", Torsten Blankenburg, CTO at Sieb & Meyer, explained.

"Servo amplifiers are often used to realize manufacturing processes with know how focused on the positioning profile and the evaluation of process values", Torsten Blankenburg explained. "With the servo amplifier SD3 we offer our customers an individual solution inclusive a protected application area". The delivered functional blocks enable the customer to concentrate on their core competence while the process-relevant application programming allows differentiation from competitors.

The task sharing in the development process supports faster time-to-market, said the company. SD3 is equipped with an open operating system, thus allowing simultaneous execution of other features and programs provided by the customer – user-interface, statistics, camera integration, communication, and data storage. A USB-controlled operator panel enables the user to create an user interface. Last but not least, the amplifier provides a future-proof platform due to its integrated OPC-UA server allowing support of Industry 4.0 and IIoT (Industrial Internet of Things) applications even today.

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