



PressRelease

Wednesday, March 08, 2017

b maXX talks POWERLINK

EPSC-certified Baumüller servo converters

Baumüller, the Nuremberg-based manufacturer of drive and automation solutions, is now offering its servo converter family b maXX with a certified POWERLINK interface. The converter series b maXX 2500, 3300, 4400 and 5000 were recently awarded by the Ethernet POWERLINK Standardization Group (EPSC) as compliant with the POWERLINK specifications.

Baumüller is offering another high-performance fieldbus with the implementation of POWERLINK in the control and converter series b maXX.

In addition to its house bus EtherCAT, Baumüller therefore also supports POWERLINK and standard Ethernet as well as fieldbus systems, such as Sercos, EtherNET/IP, CANopen, ProfiNet IRT and Varan. The Nuremberg-based automation company offers flexible and adaptable communication with its wide selection of fieldbuses.

b maXX servo converter

Baumüller is also setting new standards with its b maXX 5000 converter generation. The consistent continued enhancement of the successful b maXX series in the direction of module systems convinces with its high-performance power units in the cooling methods of air and water each with standard and plug-in cooling and cold plates, flexible expandability and connection to a continuous communication concept. Using converters and controllers by Baumüller in the performance range of 1 to 315 kW, both standardized and complex automation solutions are possible.

Power units with five cooling versions and seven sizes are also available for the controller series b maXX 4400. The series of converters and servo-controllers meets today's and future requirements of automation technology world-wide.

The servo converter b maXX 3300 is characterized by its compact and space-saving building type. The b maXX 3300 is a high-quality servo-controller with integrated position control for the low power range.

With the b maXX 2500, Baumüller has combined its proven b maXX 3300 converter series with the robust DSD2, DSC and DSP1 servo motors. This resulted in a compact drive with integrated electronics for decentralized automation in the high-end area up to 6 kW and a protection class of IP65.

Quick commissioning with software libraries

With the software modules from Baumüller, mechanical engineers and machine users benefit from pre-programmed comprehensive features, which simplify the commissioning of Baumüller servo

converters on POWERLINK networks considerably and thus help achieve a faster time-to-market and high level of error security. The modules can easily be incorporated in the programming interface of the respective control unit so that there is not any additional programming work.



Figure: The converter series b maXX 2500, 3300, 4400 and 5000 of the drive and automation manufacturer Baumüller are now available with a certified POWERLINK interface



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Baumüller is one of the leading manufacturers of innovative automation and electric drive systems. At six manufacturing locations and over 40 subsidiaries spread all over the world, 1700 employees plan, develop, produce and install intelligent system solutions for mechanical engineering; from operation and visualization tools to Motion Control software as per PLCopen, from software modules to controllers, also including converters, electric drives and the whole service range for ready to use automation solutions.

The areas service, installations, fitting, and relocation add to the wide range of Baumüller's services. In the mechanical engineering industry, Baumüller is one of the leading partners for automation solutions worldwide.

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