

Programmable all-in-one positioning controller.

Now with supervisory control and data acquisition interface.

The EPOS2 P 24/5 from maxon motor is a freely programmable positioning controller. Applications are programmed to comply with the IEC 61131-3 standard. The controller matches with DC brush motors with encoder or brushless EC motors with Hall sensors and encoder up to 120 watts.

The EPOS2 P 24/5 fits seamlessly into maxon's existing range of easy to use positioning systems. Featuring all the characteristics of an EPOS2 positioning controller, this new master version also has an in-built processor and memory which permits standalone operation and independent control of up to 127 other devices through the CANopen bus. The controller boasts innovative features and functionalities and ultimately offers more flexibility, all of which are needed for automation tasks, in work equipment manufacturing or toolbuilding, for example.

With self-compiled programs, the programmable EPOS2 P 24/5 can autonomously control single and multiple axis systems through the CANbus. In addition it is possible to communicate with a superior process management level for supervising, controlling and data acquisition through CANopen, USB or RS232.

Editors (ST, IL, FBD, LD, SFC) of the powerful "EPOS Studio" tool are available for programming according to IEC 61131-3. The integrated project browser displays all network resources, allowing optimum management of complex programs with a large number of decentralized controls. Drive systems can be quickly configured and linked using intelligent step-by-step wizards. During commissioning, «Regulation Tuning» permits an extremely efficient adjustment of current, velocity or position regulation. Its integration into the graphic user interface «EPOS Studio» allows fast parameterization. This intelligent solution is easy to use and again highlights the benefits of the positioning controller.

Comprehensive technical documentation, the EPOS Studio graphic user interface, motion control and maxon user libraries, best practice programs and numerous sample applications plus an EPOS2 P Windows®-DLL with sample programs are available to download free from the Internet under shop.maxonmotor.com.

Approximate scope of report: 2239 characters, 316 words

This Media Release can be downloaded from: www.maxonmotor.com

maxon motor ag

Brünigstrasse 220

Postfach 263

CH-6072 Sachseln

Tel: +41 (41) 666 15 00

Fax: +41 (41) 666 16 50

E-Mail: info@maxonmotor.com

Internet: www.maxonmotor.com



EPOS2 P 24/5: Programmable positioning controller, tuned to brush DC motors and brushless EC motors of up to 120 watts.