

For immediate release

New maxon product: miniaturized controller

Introducing the EPOS4 Micro 24/5 CAN

maxon is launching a new, miniaturized controller with a size of only 32 mm x 22 mm as part of its successful line of positioning controllers. The attractive price-performance ratio, with a functionality that's virtually identical to the larger units, addresses cost-sensitive single- and multi-axis applications.

The functionality, operation, software, and accessories of the new controller are derived almost directly from the existing products in the EPOS4 range. The device is suitable for use with both brushed DC and brushless EC motors (BLDC) of up to 120 W and has comprehensive feedback options such as Hall sensors, as well as digital incremental and SSI absolute encoders. State-of-the-art concepts such as Dual Loop, Field Oriented Control (FOC), feed forward, and observer control allow optimal control in a wide variety of applications.

The existing digital and analog inputs and outputs are freely configurable and ideally matched to the numerous functions and operating modes of the CiA-402 positioning controller. The intuitive EPOS Studio start-up software, as well as libraries and programming examples for integration in a wide variety of master systems, are available free of charge and make operation as easy as possible. A plug-and-play EvaluationBoard (EB) is provided for initial commissioning. The offer is rounded out by a comprehensive scope of accessories and detailed product documentation.

The first derivative of this new micro design is the CANopen version, which can also be addressed via RS232 or USB, as usual. In spring 2020, the EPOS4 Micro 24/5 EtherCAT will follow as a second product of similarly small size.

Visit epos.maxongroup.us for the latest updates about EPOS and individual devices, EPOS Studio, as well as all downloads and technical documentation.

