DC motor position controller upgrades.

maxon motors flagship motor controller, the MAXPOS receives software and firmware upgrades.

Based on the EtherCAT master control process, the MAXPOS is maxon motors most precise and fastest DC motor motion controller. 100kHz switching of the power stage and also a 100kHz bandwidth on the current controller. The controller can be used with both brushless DC motors and brushed DC motors. To kick start the innovation for 2015 maxon motor have introduced a swathe of new features and upgrades. These include: BiSS-C Absolute Serial Encoder Support, The ability to download firmware over EtherCAT with FoE protocol, Touch probe functionality, Data recording functionality in the MAXPOS studio software, Auto control of holding brakes and support for Standstill Window functionality. Along with these new features also comes some improvements to existing functions. USB stability has been improved, it now conforms with the ETG specifications (CTT) enhanced, State change option code objects to CiA 402, the tuning process for high resolution encoders has been improved, use with inverted polarity hall sensors is now accepted and the edge detection of inverted inputs in Homing Mode is improved. The MAXPOS Studio PC software has also been improved with the data recorder panel and general stability improvements.

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Brushless DC servo motor position controller.

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