

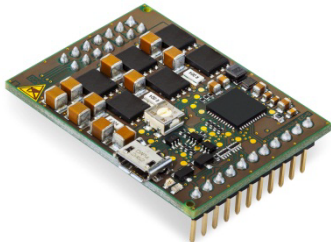
Small BLDC motor controller released by maxon motor

This new brushless DC motor controller still packs a punch despite its miniature dimensions of only 43 x 11mm.

The easy to use brushless DC servo controller range from maxon motor just received a new entry that features an OEM plug in style form factor for easy integration into new equipment designs. Supporting the existing controllers that require the motor to have a minimum of 3 hall sensors to operate this new motor controller can now be used with brushless motors that are not fitted with either hall sensors or an encoder. Despite this lack of feedback from the motor the smart controller is still able to provide a closed loop speed control between the motor and control unit. 12 Amp of peak current is available for up to 30 seconds on top of a continuous current rating of 4 Amp. The voltage level excepted is anything between 10 and 50 VDC which is particularly helpful in motor control applications with rapid deceleration rates and high levels of back fed energy. The motor controller is protected against winding short circuits, voltage spikes, and over temperature conditions. It is also able to self-limit the amount of current the motor is allowed to draw from the motor control unit which allows a motor to even be driven to stall without burning out. There is a large amount of available I/O that can be set up with the free software package. For detailed specifications, 3D models and software download visit the maxon motor Australia website or contact our engineers at the Sydney office on +61 2 9476 4777.

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The media release is available on the internet at: www.maxonmotor.com.au



Small brushless motor control unit. The Easy to use servoamplifier.

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