BLDC motor controller for I/O-based applications

*Feldkirchen/Germany, March 10, 2022* – With the CSL3, Nanotec now offers an easy-to-configure controller for brushless DC motors with up to 72 W rated power and 3 A rated current.

Apart from speed control, it also supports positioning via Hall signals. 16 different movement profiles can be set, by means of bit configuration via digital inputs they can be selected quickly and easily.

The CSL3 increases the motor performance thanks to 4-quadrant control and sine commutation. For parameterizing the controller, Nanotec offers the *Plug & Drive Studio,* a free software.

With large order quantities, the compact controller will be premounted to the rear of NEMA 17 motors (flange size 42 mm).

* For BLDC motors up to 72 W/3 A
* Speed and position control
* High performance thanks to 4-quadrant control/sinus commutation
* Easy-to-parameterize movement profiles
* Individually configurable analog inputs and digital outputs

*Nanotec was founded in 1991 and is now among the leading manufacturers of motors and controllers/drives for industrial automation and medical engineering applications. The company has been based in Feldkirchen near Munich/Germany since 2011. With some 250 employees in Germany, Bulgaria, the US and China, Nanotec serves customers around the world.*

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