Integrated motor with multi-turn encoder

*Feldkirchen (Germany), November 23, 2022* – The intelligent compact drives from Nanotec combine motor, controller and encoder in a space-saving package. With its 80 mm flange and a rated power of 942 W, the new PD6-EB is the most powerful BLDC motor of this product family. The stepper motor PD6-E has a max. holding torque of 10 Nm and comes with an 86 mm flange (NEMA 34).

The PD6 motors can be controlled via fieldbus, clock & direction or digital/analog inputs. This makes it easy to incorporate them into existing control concepts. With the integrated sequence control, stand-alone applications are possible as well. Multi-turn encoders are available as an option.

The new motors are easy to parameterize and program with the free Plug & Drive Studio software from Nanotec. There are five different fieldbuses to choose from.

Reduced installation time and wiring make the PD6 series a highly profitable choice for automation, robotics or machine building applications.

*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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