**New magnetic encoder for NEMA 8 motors**

*Feldkirchen (Germany), October 17, 2023* – Nanotec has added the compact magnetic encoder NME3 to its product range. Due to its modular design, the new encoder can be combined with a wide range of brushless DC and stepper motors – starting from flange size NEMA 8.

With a maximum speed of 30,000 rpm, the NME3 single-turn absolute encoder is an excellent choice for applications that require precise speed control. Even in harsh environmental conditions it provides reliable readings because the magnetic scanning is insensitive to dust, shock, vibration and high temperatures.

The encoder is available in two versions: for incremental signals with a resolution of up to 4,096 CPR and with an SSI interface and 16-bit resolution. The incremental version also generates Hall signals for brushless DC motors.

Two different sizes cover a wide range of motors and shaft diameters (4 / 5 / 6.35 mm).

For more information, please visit [www.nanotec.com](http://www.nanotec.com).

*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 270 employees in Germany, Bulgaria, the US and China, Nanotec serves customers around the world.*

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