

maxon presents the first sterilizable drive system.

BLDC motor, gearhead, and encoder from a single source.

With the ENX EASY, maxon motor is offering a sterilizable encoder for its brushless DC motors for the first time. This opens up a range of new possibilities in medical technology – and it's not the only innovation coming from the Swiss drive specialist.

In spring, maxon motor is introducing the world's first steam sterilizable encoder ENX EASY. It is available in an incremental (1024 counts) and absolute version (4096 steps), both designed for 1000 autoclave cycles.

As of now, the ENX EASY can be combined with matching BLDC motors and planetary gearheads. The encoder can be integrated into the brushless drives ECX 13 and ECX 16 SPEED (up to 120,000 rpm and 104 W) without any increase in length. When the gearheads GPX 13 and GPX 16 SPEED (0.2 Nm max. continuous torque) are added to the combination, customers receive a fully sterilizable positioning system that opens up an entire new range of possibilities in medical technology. The compact and robust design is ideal especially for power tools.

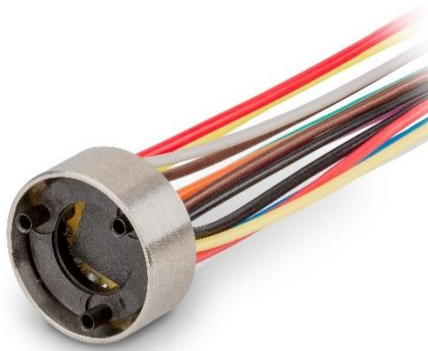
Small encoder with high resolution

In parallel, the Swiss drive specialist developed another new encoder: The ENX RIO, a high-resolution encoder with 65,500 counts per turn and a diameter of only 16 millimeters.

The maxon range of ultra-compact DC motors is also growing: With the DCX 6 and DCX 8 drives (6 and 8 millimeters in diameter), the maxon X drives family gains two new members. Like all motors in this group, they are easy to configure in the online shop: shop.maxonmotor.com

See the new maxon products for yourself, and have a chat with our experts at Hannover Messe, April 24 to 28, **at our booth D09 in hall 15.**

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integrated encoder.
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