

Flat motor includes resolutions of up to 3200 impulses per turn



The ultra-slim design of maxon's EC 90 flat motor is now equipped with a MILE encoder. MILE (Maxon's Inductive Little Encoder) is the world's smallest inductive rotary encoder. Its operating principle is based on the detection of high-frequency inductivity which generates eddy current in an electrically conducting target. The advantage of a high-frequency inductive method of measurement includes high speed, high robustness towards dust or oil vapor and insensitivity against interferences pulses such as PWM controllers or motor magnets.

This new EC 90 flat MILE is extremely precise with resolutions of up to 3200 impulses per turn and a remarkable high nominal torque of 517 mNm. This makes it the perfect choice in applications, such as door drives, logistic robots, or solar trackers. The motor is distinguished by optimal integration of the MILE encoder and combines state-of-the-art with the tried and tested features; flange pattern, fixation, and pin assignment.

For additional information visit www.maxonmotorusa.com [1]

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