

New top of the range compact DC motor encoder.

A 16mm encoder from maxon for precise positioning and control of DC motors.

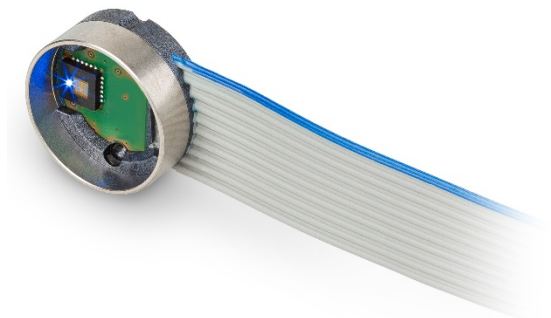
Maxon encoders allow for precise position and velocity control of DC motors. The latest release is a top-of-the-range high-resolution encoder, the ENX 16 RIO (Reflective, Interpolated, Optical). This encoder offers an impressive resolution of up to 65,536 counts per turn in a casing that is robust and compact. The resolution can be configured at the factory, that is particularly useful where the DC motor combination is tailor-made and then resolution can be refined to the respective motor. With 16mm outer diameter and 7mm overall length, the housing is mechanically tough and protected from dust due to its injection-moulded construction. The encoder operates at temperatures ranging between -40 °C to +100 °C.

Requirements on encoders are becoming more and more demanding. This applies particularly to positioning applications with precision constant-speed control, where increasingly compact housings need to accommodate an ever greater number of electrical connections. The encoder can be configured with matching maxon DC motor and gearhead combinations online. It fits the new brushless EC-i 30 motors and the brushed DCX motors (with 16mm diameters plus). The counts per turn and the electrical interface of the encoder can also be configured specifically.

For more information on the encoder combination options and specific product information please call maxon motor Australia tel. +61 2 9457 7477.

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The media release is available on the internet at: www.maxonmotor.com.au



*ENX 16 RIO – the new
reflective optical encoder
with up to 65,536 counts
per turn in a robust
housing © maxon motor*



*ENX 16 RIO – in combination
with a configurable DC motor
(DCX 16 S) © maxon motor ag*

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