

# For high-precision positioning.

ENX 16 RIO encoder from maxon motor.

**maxon motor presents a top-of-the-range high-resolution encoder. The ENX 16 RIO offers an impressive resolution of up to 65,536 counts per turn in a compact and rugged housing.**

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 contacts. maxon motor solves this problem with its new ENX 16 RIO optical encoder. It is a mere 16 millimeters in size and offers a resolution of up to 65,536 counts per turn, making it ideal for the precise position and velocity control of DC motors.

The new maxon ENX 16 RIO encoder (Reflective, Interpolated, Optical) fulfills all the requirements for a high-resolution optical encoder in a compact design. The resolution can be configured at the factory or online. With 16 millimeters outer diameter and 7 millimeters overall length, the housing is mechanically robust and protected from dust due to its injection-molded construction. The operating temperature range is -40 °C to +100 °C.

## **Easily configured online for combinations with maxon motors**

The encoder can be combined and configured with matching drives online. It fits the new brushless EC-i 30 motors and the brushed DCX motors (diameters of 16 millimeters and up). The counts per turn and the electrical interface of the ENX 16 RIO encoder are also configurable online. All combination options and detailed product information is available in the maxon online shop:

[shop.maxonmotor.com](http://shop.maxonmotor.com)

**maxon motor ag**

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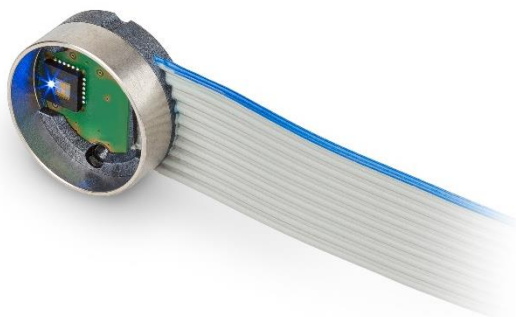
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