

I30 encoder, fine resolution in a compact & robust enclosure

I30 incremental rotary encoder has a miniature yet rugged housing (up to IP65 protection) and is capable of a resolution up to 2,048 PPR.

It is ideal for tight spaces in general-purpose industrial applications.

Lika Electronic offers a comprehensive range of **miniature rotary encoders with diameters 28 mm (1.1 inch) to 40 mm (1.4 inch)** for feedback applications in constricted spaces. It includes both encoder types -incremental and absolute- with optical and magnetic technology and is designed to meet many and varied industrial applications in light to harsh environment conditions. A selection of very compact modular encoders for motor feedback is also available.

Among the latest innovations in the range is the new I30 general-purpose incremental encoder.

It combines **robustness with fine resolution and provides versatility and performance required by a large number of industrial applications.**

This optical encoder comes in a robust metal enclosure with 30 mm (1.18") diameter pilot flange and 5 mm (0.197") or 6 mm (0.236") solid shaft. I30 meets the requirements of IP54 protection level as a standard but it is also available with **reinforced IP65 protection.**

Position information is provided in square wave format via Push-Pull, Line Driver and Universal output circuits. Both cable and cable+M12 connector connection options can be supplied.

Its miniature dimensions allow I30 to be installed in industrial applications where space is especially tight such as **factory automation, electro-medical installations, packaging lines, textile machines.**

Find [complete technical specifications](#)

