

IM28, THE MINIATURE ENCODER HOUSED IN A ROBUST AND PROTECTIVE CASING

Lika Electronic offers a full lineup of miniature housed rotary encoders with diameters ranging from 28 mm (1.102 inches) to 40 mm (1.575 inches), designed for feedback applications in confined spaces.

Among the latest innovations is the **new IM28 general-purpose incremental encoder**.

It combines robustness with high resolution and delivers the versatility and performance required for a wide variety of industrial applications, including the most demanding environments.

This encoder is housed in a robust metal enclosure featuring a 28 mm (1.102") diameter pilot flange and a solid shaft available in diameters of either 4 mm (0.157") or 5 mm (0.197").

The IM28 meets the IP54 protection requirements in the standard version but is also available with sealed circuits and a reinforced protection up to IP69K.

It features robust magnetic scanning and can be programmed to accommodate any value from 1 to 20,000 pulses per rotation.

Position information is provided in square wave format through Push-Pull, Line Driver, and Universal output circuits. Both cable-only and cable-with-M12-connector connection options are available.

Its characteristics allow the IM28 to be installed in industrial applications where space is very limited and conditions can be harsh, such as **factory automation, electro-medical devices, packaging lines, textile machines, and office equipment**.

