

Non-contact Encoder Systems

FOR RELIABLE MOTION CONTROL

Robots & co. are inconceivable without precise and reliable position detection. Non-contact position measuring systems are therefore a crucial component for controlling the position and movements of a robot.

Compact Magnetic Encoder System

Ideal for applications where small dimensions and low weight are crucial.

- magnetic absolute measuring system
- extremely compact, flat and lightweight
- up to 20 bit resolution
- communication via BiSS-C or SSI
- additional incremental output signals



CMAX2

Smart Magnetic Encoder System

Programmable encoder system, designed for smart automation in the context of Industry 4.0

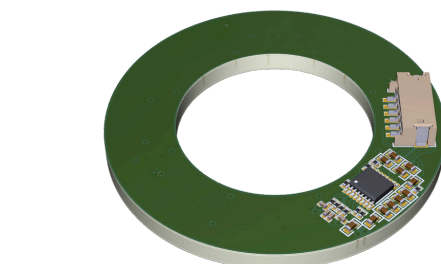
- high resolution - up to 16 nm
- for dynamic applications - output frequency 8 MHz
- configurable via cable when installed
- smart add-ons
- live data remote access



CMIX3

High-Precision Inductive Rotor Position Encoder

- bearingless, maintenance-free hollow shaft system
- high-precision signals even with large installation tolerances and in environments with stray magnetic fields
- installation kit for direct integration into the motor
- compatible with all common controllers and inverters with SIN/COS interface



IRM



ELGO - Many Years of Experience in Sensor Design

With over 7,000,000 metres of magnetic tape produced annually and more than 250,000 electronic assemblies assembled, the ELGO Group is one of the leading companies in the field of magnetic measuring and positioning technology.

ELGO's standard systems and customised developments are used successfully in the automation industry, the lift industry and many other sectors.



Strong in the Region - Successful all over the World

ELGO is represented worldwide. Our own subsidiaries in China, the USA, Japan and the Czech Republic as well as 28 international commercial agencies ensure a comprehensive presence.

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