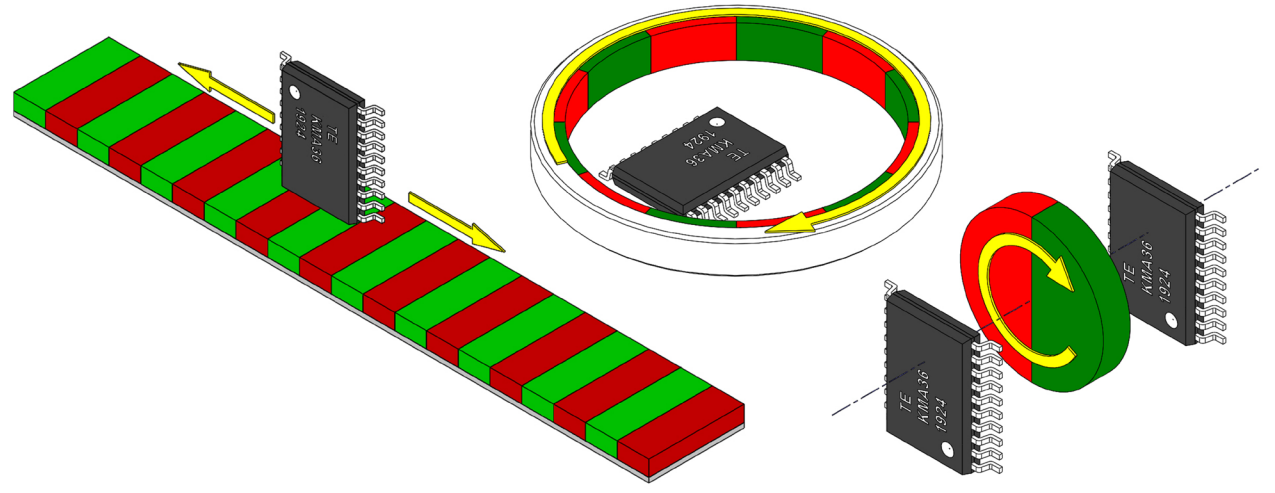


INTRODUCING THE KMA36



CONTACTLESS MAGNETIC ENCODER IC FOR PRECISE AND RELIABLE POSITION MEASUREMENTS.

Devices and equipment today are being designed smaller and smarter. For applications requiring precise rotary and linear position measurement there is demand for digitization and miniaturization in sensors. TE Connectivity has designed the KMA36 to meet this demand in position sensing applications.

TOP 4 BENEFITS

of our KMA36 Magnetic Encoder IC

HIGH PERFORMANCE



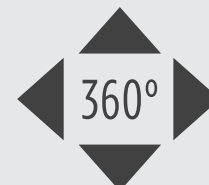
Universal Magnetic Encoder IC for highly accurate and reliable rotational or linear measurements with resolution up to 15 bit.

DESIGN FREEDOM



Programmable parameters of this digital sensor provide options for a wide range of configurations allowing for maximum design freedom and functionality.

CONTACTLESS MEASUREMENT



AMR technology enables precise and contactless 360° measurement over an external magnet. In linear applications, the KMA36 can determine incremental positions on a magnetic pole strip.

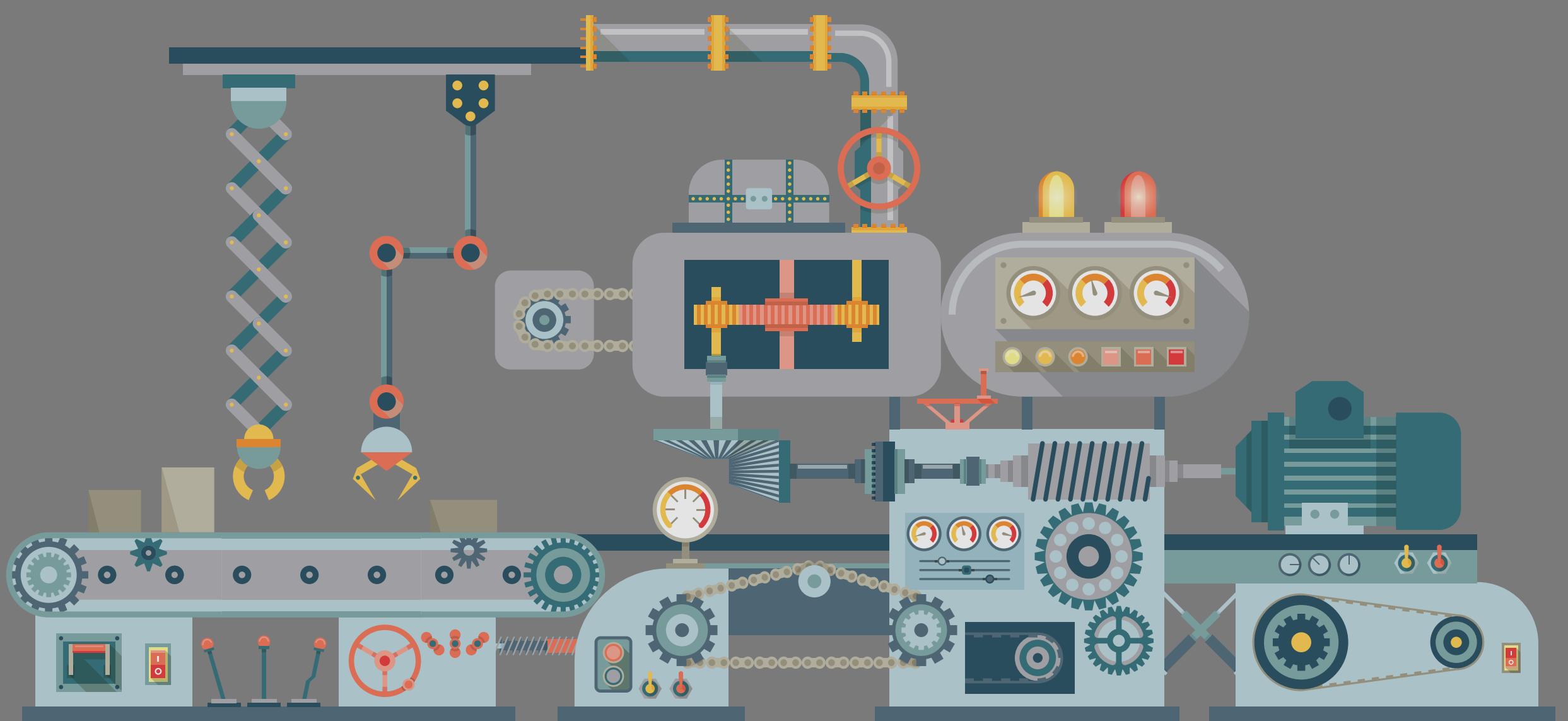
RUGGED TECHNOLOGY



Used as both a linear or rotary position sensor, these magnetic encoders are insensitive to magnetic drift whether from mechanical tolerances, changes in temperature or thermal stress.

KMA36 APPLICATIONS ARE ALMOST ENDLESS...

Industrial Robotics • Industrial Automation • Industrial Process Control
Industrial Motors • Robotic Dialysis Equipment • Robotic Surgery • Exo Skeletons
Radio Therapy Equipment • Vending Machines • Agricultural Machines


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