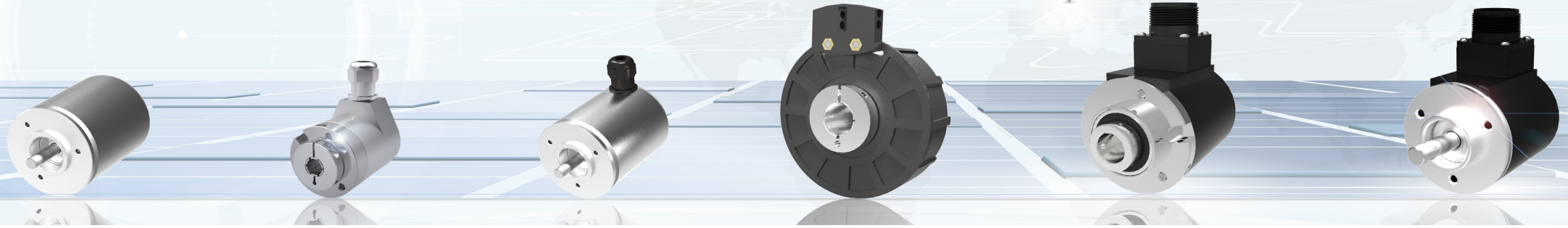


INCREMENTAL & ABSOLUTE ENCODERS SINCE 1976

(WE MAKE ANY ENCODER IN 48 HOURS)

MADE IN ITALY



Encoder for solar panels (alternative energy)

Due to their high resolution allow precise tracking of the Sun to maximize the solar panel energy production in every weather condition. Carefully design was made about their ruggedness in outdoor use as well as compact and easy-to-integrate design. Incremental or absolute encoders guarantee maximum reliability in all kinds of weather and temperatures between -20°C and $+85^{\circ}\text{C}$ or wider range thanks to magnetic technology, enhanced protection degree, high quality material for body and housing and dual ball bearings shaft to ensure a smoothly and precise movement detection.



Encoder for movable bed (MRI scanner)

Encoder, developed and manufactured especially for movable bed of MRI scanner (magnetic resonance imaging) made of nonconductive, magnetic materials to avoid any type of interaction with the main magnetic field of the MRI scanner.

Encoder body and housing are made of aluminium. It is possible to customize the encoder's size to adapt it for every application from the smallest size to commonly used standard size in automation industry.



Encoder for electrical motors/lift

Low cost encoder for electrical motor applications, developed to work in electromagnetic harsh environment, due to the insulated housing is the best choice to avoid any electrical noise induced from motor and inverter equipment. Shaft closing is made through a clamp collar and the interchangeable bushing fit all mechanical mounting requirements application span from simple motor automation to more complex lift technology machine.



Application



Solar panels



MRI scanner



Motors



Lift



Founded in 2009 and based on consolidated and remarkable experience gained since 1976 by historical Italian brand Tekel Instruments, ITALSENSOR is quickly becoming one of the leading company and point of reference in the field of industrial automation and measure instruments.

Located in industrial quarter of Pinerolo (Turin), ITALSENSOR is specialized in developing and manufacturing of wide range of angular and rotary encoders, from standard to completely customized version widely applied all over the world in various fields of industry such as textile, packaging, printing & paper, woodworking, plastic, medical, energy, building, military etc.

CUSTOMIZED ENCODERS



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