



# GREENBANK

## MACHINERY & PLANT LTD

### **Magnetic Singleturn Absolute Encoder TTMA50 solid shaft 50 Rugged encoder for heavy duty industrial applications**

**Features: TTMA50 - compact magnetic absolute singleturn encoder with integrated magnetic shield, suitable for heavy- duty and generic industrial applications (aluminum body and housing). Available also in programmable version (resolution, type of output code, optional inputs). - compact, robust and reliable; - resolution: 12 bit standard/ 13 bit on request; - high protection degree IP 66; - programmable GRAY/ BINARY; - cable output.**



### **ALTERNATIVE ENERGY – (WIND / SOLAR)**

A high reliability and accuracy of reading is also required in the field of renewable energy (photovoltaic, wind) particularly in the development of photovoltaic fields where the solutions developed by **ITALSENSOR** provide programmable absolute encoders with protection degree IP67, manufactured with materials treated to resist on an ongoing exposure of the elements (rain, sun, UV radiation), currently thousands of devices are employed for the control of solar tracking systems (biaxial and uniaxial tracker) allowing an accurate orientation of the photovoltaic modules based on the position of the Sun maximizing in this way the final yield and the reliability of the entire photovoltaic plant.

**ITALSENSOR** enables to provide with technical support in development of tracking systems following the end user from the initial project planning and providing mechanical and electrical solutions that simplify the installation of devices and the structure of the system itself.

### **MEDICAL**

**MRI mobile bed scanner (magnetic resonance)** It is possible to customize the size of the encoder to adapt it for each application, from the smallest size commonly used in automation industry

### **MILITARY**

Italsensor has fundamental components in some of the most advanced defense systems.

Contact Greenbank, Italsensors UK agents for your upto date quote.

**Greenbank Machinery & Plant Ltd, Unit H8b Newton Business Park Talbot Road HYDE Cheshire SK14 4UQ  
[sales@tachogenerators.co.uk](mailto:sales@tachogenerators.co.uk) 0161 351 1507 [www.tachogenerators.co.uk](http://www.tachogenerators.co.uk)**