



# GREENBANK

## MACHINERY & PLANT LTD

### **Incremental optical encoders TKW615REO solid shaft 115**

Features: TKW615REO - Heavy duty encoder with integrated tachogenerator. - resolution up to 5.000 ppr; others on demand; - protection degree up to IP55; - connector output; **Body diameter (mm)115**

**Diameter shaft (mm)** 11

**Resolution (PPR)** max 3600 (on demand up to 5000)

**Output voltage** 60V/1000RPM

**Interface** LD, LD2, PP2, NPN, PNP, S, OC, P, OP

### **TELECOMMUNICATIONS**

Italsensor encoders are normally used on position control systems of the radar mounted on boats using materials and specific solutions for particularly aggressive environments such as saline environment.

### **VISION SYSTEMS, SECURITY & SURVEILLANCE SYSTEMS**

Italsensor has developed and customized various product lines by providing high-resolution models in reduced mechanical dimensions for (reflection measurement systems) or for topographic survey plane (mapping areas) or for the control of the workpieces within automatic lines.



### **AUTOMATION/LIFT**

For industrial automation **ITALSENSOR** offers a wide range of encoders able to satisfy all requirements - miniaturized incremental and absolute encoders. **ITALSENSOR** is able to develop customized solutions for larger diameters or to interconnect different systems or even for individual solutions as regards electrical / electronic system

### **MACHINE TOOLS / ELECTRICAL MOTORS / METAL PROCESSING**

Incremental and absolute encoders find application on automatic or semiautomatic tools machines providing indications about the rotation speed of the spindles or axes feed processing and the absolute value of the position allowing the repeatability over time and the respect of the units of processing. (used on machines for molding and in particular on hydraulic, pneumatic and electric presses)

### **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.