Markgröningen, 20.07.2017

For the correct dimension

The norelem Normelemente KG product range grows continually. New to the range: Battery powered measuring and display system for determining position and angle.

**The new measuring and display system from norelem enables positions and angles to be optimally recorded. Precise, simple and economic.**

The system consists of a battery powered LCD measurement display, a plug-in magnetic sensor and an incrementally encoded magnetic strip. They find use in industry and craft centres on e.g. saw benches to determine lengths or angles or boring centres and running saws for determining the position. Available are two different types of positioning displays, passive magnetic sensors, incrementally encoded magnetic strips and hollow shaft sensors with magnetic probes.

**Simple operating principle**Normal, commercially available batteries fit into a battery compartment in the position display. The sensors are connected to the back of the display by an electrical connector. The display picks up signals from the magnetic strip and converts them to linear data. The display is precise to within 10 µm. One advantage of the measuring system is the spacing between sensor and strip that can be up to 2 mm, this enables wear-free and low maintenance operation and makes the system insensitive to dust, chippings and damp.

**High measurment accuracy and economy**

The robust display device offers an economic solution for many applications in machine construction and the wood-processing industry. It fulfills all standard requirements regarding measurement precision. For linear and angular measurements on shafts and spindles, norelem offers rotary measuring hollow shaft sensors with magnetic probes that can be used with the position display.

**Simple handling**

By this measuring and positioning display, norelem payed special attention to the measuring accuracy, simple commissioning and operation. Parameters such as resolution, offset values and auto-off time can be freely programmed over the menu buttons. The system is easy to integrate and saves time during assembly.

Characters including spaces: 2,082

Brief profile of norelem Normelemente KG

Every success begins with an idea. This is why norelem supports you in achieving your targets in machine and plant construction with an unrivalled selection of standard parts and components. THE BIG GREEN BOOK offers designers and technicians an extensive and clearly arranged assortment of quality components.

We support your project right from the start - with expert advice, a complete CAD database and fast delivery. norelem has been dynamically evolving for almost 60 years, consistently amending our portfolio and continuously optimising the logistics.

From our headquarters in Markgröningen, Germany and over our international locations, we are active in youth developement with schooling and workshops.

Characters including spaces: 749

**Visit norelem in hall 3, booth D49 at the EMO in Hannover and in hall 5, booth 5525 at the MOTEK in Stuttgart.**