

Linear and Rotary Sensors

non-contacting,
touchless,
potentiometric



Headquarter Horbstrasse, Ostfildern (Germany)



Production Brunnwiesenstrasse, Ostfildern (Germany)

Pioneer work mark the way of company development

Novotechnik was founded in 1947 and still remains an independent enterprise.

Its technologically sophisticated line of products soon gave the company a reputation for quality. The company's growth was spurred on by a series of pioneering accomplishments.

In the late 1950s, for example, it introduced the use of potentiometers in the general engineering sector, whereas their use had previously been primarily limited to aviation and defense.

In the late 1960s, Novotechnik was the first European company to sponsor independent development of a co-moulded conductive plastic process. The early 1970s experienced the changeover to conductive plastic potentiometers.

Our non-contacting transducers are setting new standards in the field of position measurement.

Milestones in this transition process are:

- The development of an internationally respected linearity trimming system
- A new form of elastomer damped wiper, the first one to allow reliably measurable potentiometer setting speeds of over 25 m/s
- New standards of potentiometer lifetime and reliability
- Definition and measurement methods for microlinearity
- A rodless position transducer with previously unmatched properties
- Precision bearings made of maintenance-free plastics
- A conductive plastic potentiometer with extremely low starting torque
- Integrated ball bearings for utmost precision
- Multiturn technology based on GMR-Effect (Giant Magneto Resistive) without battery and transmission
- 70 Million conductive potentiometer (used in motormanagement) without field failure

Novotechnik writes history

1947: Foundation of Novotechnik as a trading company in Lindau (Lake Constance) by Mr. Wilhelm Offterdinger together with two other partners

1952: relocation of the company to Stuttgart-Sillenbuch

1955: Mr. Offterdinger is the single owner

1956: Construction of an administration and production building in Ostfildern-Ruit, Horbstrasse.

In the following years, Novotechnik developed into an internationally recognized company of measuring and control technology

1959: Transformation into Novotechnik KG, Offterdinger + Co.

1962: Taking over the management of the company by Mrs. Offterdinger, due to the illness of her husband

1984: Sale of the company to the Siedle Group

1987: Founding of Novotechnik U.S. in Marlborough

1990: Expansion of the production facility through new construction in Brunnwiesenstrasse, Ostfildern-Ruit

2001: Opening of sales office NTUS-Automotive in Livonia / Detroit

2006: Opening NT Representative Office in Shanghai / China

2008: Cooperation with Flash Electronics, Pune / India

2009: Founding of Novotechnik Sensors Trading (Shanghai / China)

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