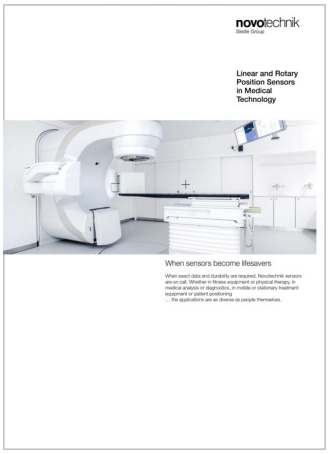
A Brochure Offering Practice-oriented Information: Linear and Rotary Position Sensors in Medical Technology



Sensors which are utilized in the field of medical technology must impress not only through reliability, longevity, and accuracy, but also in terms of pricing. That said, the choice of sensor is always driven by the specific measuring task at hand. To assist the user in making that choice, Novotechnik is presenting its latest flyer, titled „Linear Position Sensing and Rotary Sensing in Medical Technology“. It introduces a variety of sensors based on different operating principles, listing their characteristics as well as their areas of application.

The portfolio ranges from potentiometric and non-contacting linear position sensor and rotary sensors, over rod-type sensors installable inside the pressure chambers of hydraulic or pneumatic cylinders, to space saving sensor kits for compact environments. Our standard products are complemented by customer-specific solutions, which are modified specifically to suit their respective applications.

Depending on their technology and design, these linear position sensors and rotary sensors are suitable for such tasks as ensuring the optimal positioning of patient beds and x-ray tables, as well as for speed sensing in electric wheelchairs. And when utilized in therapeutic and rehabilitation equipment, they even serve to enhance patient quality of life. These sensors have also proven themselves useful in the precise measuring of valve positions in blood analyzers as well as in the fluid sensing of aspiration equipment. Many of the sensors are suitable for temperature ranges of -40 °C to +125 °C. Not only do they comply with the standard IP69K protection requirements, but they are also tested for compliance with the most stringent demands, exceeding the applicable standards. Many series are available in redundant designs, thus meeting the demands for functional safety.