Measuring travel, distance, position, angle and pressure are common tasks in automation. The measuring principles used are as varied as the different tasks. We will show you applications and possible solutions based on the magnetostrictive, magnetically coded, inductive and photoelectric technologies.

Precise magnetostrictive linear position sensor detects positions, travel and speeds.

Precise, absolute and incremental magnetically coded travel and angle measuring system.

Inductive positioning system detects distances and positions at close range.

Photoelectric distance sensor measures distances regardless of color or surface properties of the object.

Each product technology has its own application focus areas:
- **Magnetostrictive** enables simultaneous measurement of multiple positions and can be used in challenging environments.
- **Magnetically coded** makes extreme accuracy and real-time measurement possible.
- **Inductive** is used for integration in an extremely tight space and is suitable for short distances.
- **Photoelectric** features flexible range as well as being unaffected by the color or surface properties of the target object.

Sensor interfaces such as 0...10 V or 4...20 mA analog, IO-Link and Ethernet-based are the state of the art.