

MODERN MAGNETIC FIELD SENSORS – A REVIEW

In the paper the current state of magnetic field sensors is presented.

Performances of following sensors are discussed: induction sensors, flux-gate sensors, magnetoresistive and magnetoimpedance sensors, Hall effect sensors, SQUID sensors, resonance sensors and magnetometers.

General information about properties of magnetic field sensors is also included in this paper as well as main applications of magnetic field sensors.