

XLlogger

Magnetic Field Sensor I

XLS 1007



Technical Specifications

Range: -50 to +50 G

Resolution: ± 0.024 G

Sensor depth: 5.0 mm

Sensor Type: Radiometric, Linear Hall Effect Sensor

Instructions

- The magnetic field sensor has an effective position of being central to the thicker end of the probe and sunken 5mm inside it. Please take this into account when taking measurements at fixed positions in a magnetic field.
- The sensor will give a positive reading when a South magnetic pole is brought near to it.
- Please note the sensor is sensitive enough to measure the earth's magnetic field, including inclination, and this should be taken into account for accurate measurements in weak magnetic fields.
- Please do not place the sensor near objects influenced by magnetic fields, eg floppy disks.
- Please exercise normal safety precautions when measuring magnetic fields caused by electric currents.