

MGN-100 Magnetic Field Sensor

Overview

The MGN-100 Magnetic Field Sensor is a hall-effect sensor that outputs a voltage linear with magnetic fields. It can be used in a variety of experiments that involve magnetic fields.

Specifications:

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Output Voltage	0-4.6V
Sensitivity	0.9mV/G
Range	-400G to +400G

Operating Instructions:

1. Plug a USB cable into the top of the NI myDAQ. Ensure the other end is plugged into the computer.
2. Take the IX-MYDAQ and plug into the NI myDAQ.
3. Locate the MGN-100 and plug into either CH 1 or CH 2 of the IX-MYDAQ.
4. Open the data acquisitions software, ensure the correct channel is enabled and record the desired magnetic field.



