

ADL021 Magnetic Sensor Demo Board (AG040B; with battery)

This self-contained, battery-powered miniature demonstration board shows the sensitivity and remarkably low power consumption of ADL0xx magnetic sensors.

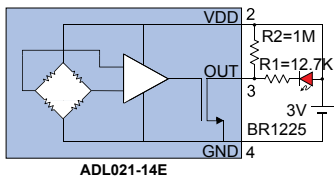
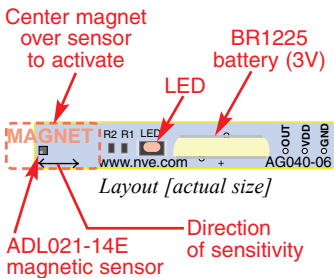
Quiescent current is low enough the battery will last indefinitely.

ADL021 sensor features include:

- Extremely sensitive (20 Oe)
- Flexible supply (2.4 - 3.6V)
- Extremely low power (100 nA typical)
- Ultraminiature (1.1 mm x 1.1 mm x 0.45 mm)

The kit contains:

- A 0.25 x 1.6 inch (6 x 40 mm) evaluation board with an ADL021 sensor, a 3-volt battery, and an LED.
- A 0.5 x 0.25 x 0.125 inch (13 x 6 x 3 mm) Alnico8 bar magnet to actuate the sensor.
- This manual.



Schematic

SB-00-053