Magnetic Contact Switch Sensor for Arduino
SEN0481

Product Overview
10/27/2022
For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

The DFRobot Magnetic Contact Switch Sensor for Arduino consists of two magnetic reeds composed of iron and nickel. The sensor is sealed in a plastic case. The two magnetic reeds are overlapped, but there is a small gap between them. When a suitable external magnetic field comes within 2cm, the two magnetic reeds will contact and conduct, sensing the change in the position of the object.

This magnetic control switch has a compact structure and a small weight, which can be installed in a limited space, and is extremely suitable for use in miniaturized equipment. The switching elements of the reed switch are hermetically sealed in an inert gas atmosphere so that it is never exposed to the external environment and features a long service life. The switch can be widely used in door/window position limiting devices, proximity switches, measuring instruments, automation/security/transportation equipment, and smart homes.
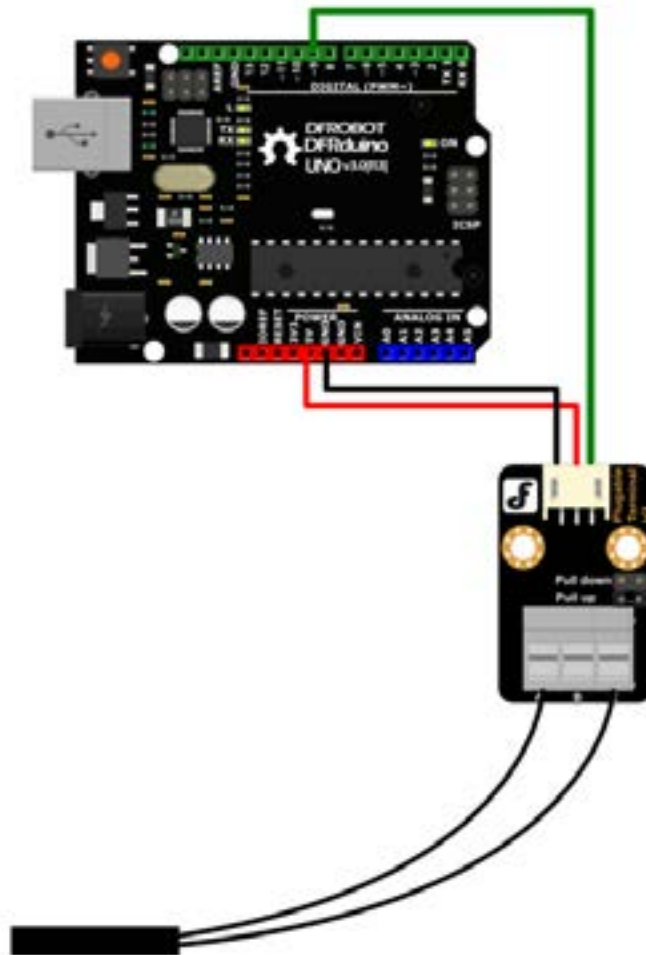
Features

- Compact structure and small weight
- Long service life
- Wide voltage operating range

Specifications

- 0V~100V operating voltage
- Operating principle is a magnetic sensor
- Switching value signal output signal
- Size: 6mm x 20mm x 350mm / 0.24" x 0.79" x 13.78"
- Color: black

Connection Diagram

Mouser Part Number

View Part

To learn more, visit https://www.mouser.com/new/dfrobot/dfrobot-magnetic-contact-switch-sensor/

The information contained in this document should be used as a guideline only.