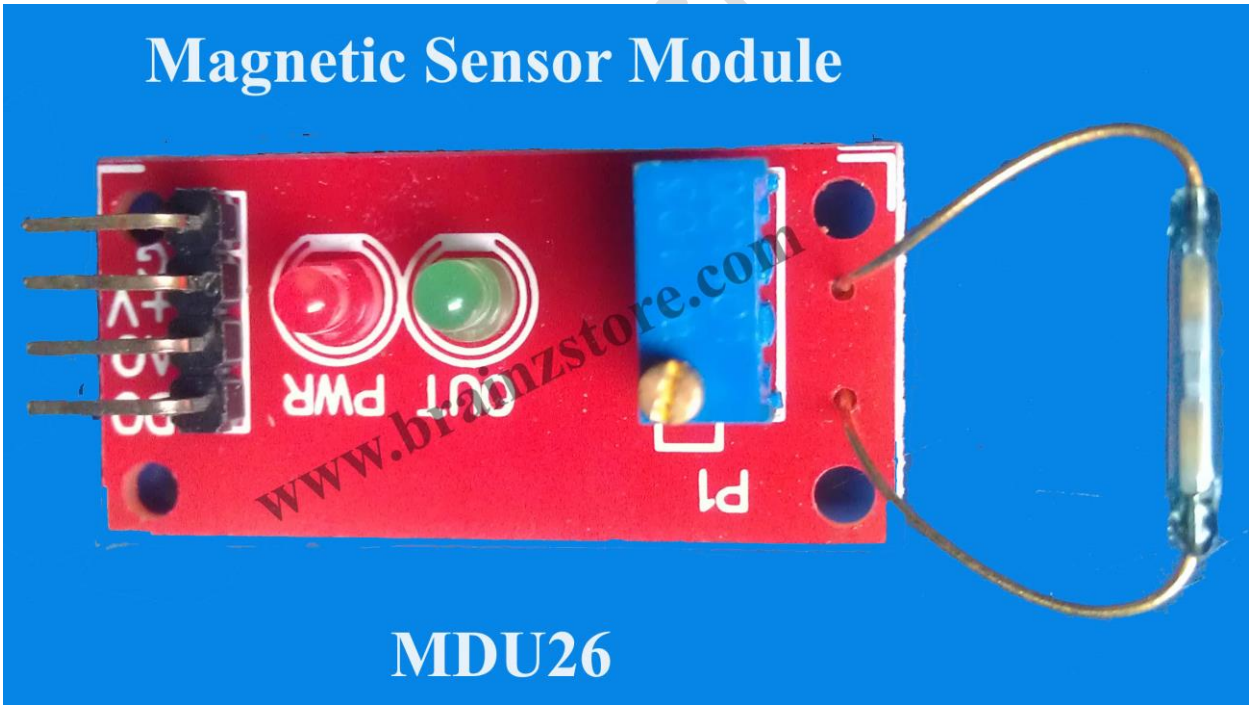
Magnetic switch Module MDU26

Product Description

This is a magnetic switch module with xh-2.0-4P interface. It is based on encapsulated dry reed switch which is single-pole, single throw type, having normally open ruthenium contacts. The sensor can be actuated with an electromagnet, a permanent magnet or a combination of both. The magnetic switch is a wonderful tool for designers who would like to turn a circuit on and off based on proximity. The SIG pin of the module outputs low level. When a magnet approaches the switch, the magnetic switch closes and the SIG pin outputs high level.



Specifications:

1. Imported normally open type dry reed pipe
2. The working voltage of 3.3 V to 5 V

3. Output form: digital switch output (0 and 1)

4. Small board PCB size: 3.2 cm x 1.4 cm

5. Uses LM393 wide voltage comparator

The characteristics of the dry reed pipe:

Dry reed pipe is short for dry reed pipe, there is a contact of passive electronic switch components, it has a simple structure, the advantages of small size is easy to control, its shell is commonly a sealed glass tube, tube is equipped with two elastic reeds iron panels, poured has called a rhodium metal inert gas. At ordinary times, two of the glass tube made of special materials reeds is separated. When magnetic material near the glass tube, under the action of magnetic field lines, two reed pipe is magnetized and attract each other contact, reed will stuck together, make the circuit connected nodes receive. Magnetic disappeared, two reeds due to the elasticity of itself apart, the line is disconnected. Therefore, as a signal of the magnetic fields to control the circuit switching device, with a dry reed pipe can be used as a sensor, is used to count, spacing and so on, in the security system is mainly used in the production of door magnetic, magnetic window), but also widely used in all kinds of communication equipment. In practice, usually with a permanent magnet control this two pieces of metal on it or not, so also known as "magnetron.

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