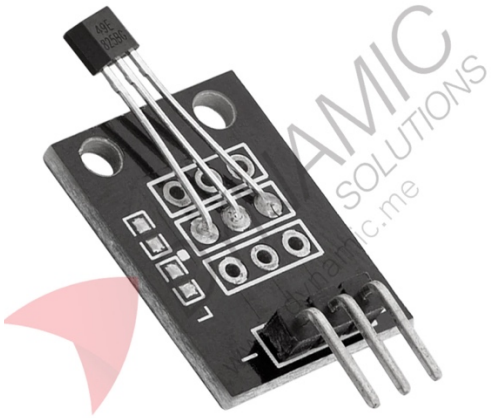
DYNAMIC SOLUTIONS

Jounieh, International Highway
Keserwan, Lebanon

T 00961 9 44 44 05
M 00961 3 26 00 36

info@dynamic.me

Analog Hall Magnetic Sensor KY-035



Features:

The KY-035 analog hall magnetic sensor module is a compact device for detecting magnetic fields. It delivers a linear analog output that increases or decreases depending on the strength and polarity of the magnetic field. With fast response time and low power consumption, it integrates easily with Arduino, Raspberry Pi, and other microcontroller platforms. Applications include magnetic switches, motion detection, robotics, and DIY projects where precise field sensing is required.

Specifications	
Parameter	Value
Function	Magnetic field detection
Supply Voltage	3.3V ~ 5V DC
Operating Current	4 ~ 8 mA
Output Signal	Analog, linear response
Response Time	3 µs
Output Current Max	20 mA
Low Magnetic Field Output	~3.2V
High Magnetic Field Output	~4.3V
Dimensions	19 × 15 × 3 mm
Mounting Hole Size	3 mm
Usage	Magnetic switches, robotics, motion detection, Arduino and Raspberry Pi projects

Pinouts:

Pin Name	Type	Description
(-)	GND	Ground connection
Middle Pin	Power	+5V supply input
S	Analog	Analog signal output

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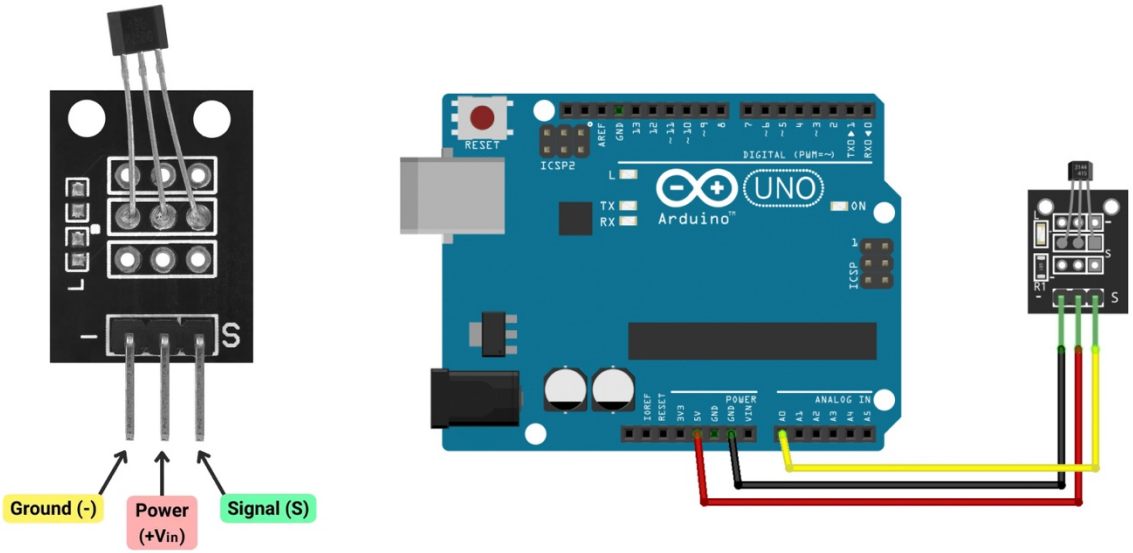

Product Pictures: