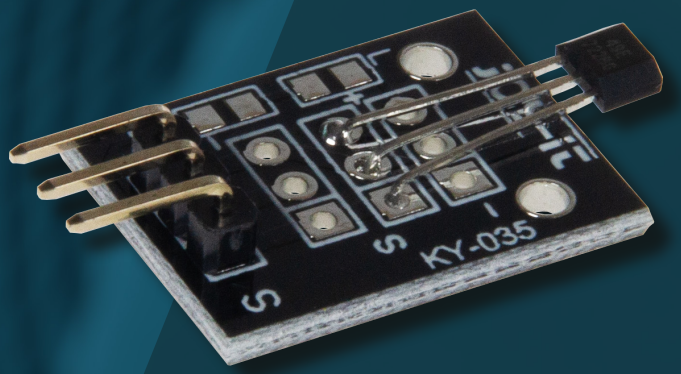
KY-035 BIHOR MAGNET SENSOR

COMPACT ANALOG MAGNETIC SENSOR FOR DETECTING MAGNETIC FIELDS

SPECIAL FEATURES

- Analog output proportional to magnetic field strength
- Integrated AH49E Hall effect sensor
- Operation with 5 V - ideal for microcontrollers
- Compact design
- Easy to integrate into microcontroller projects
- Fully assembled module - ready for immediate use



The Bihor Magnet Sensor KY-035 is an easy-to-integrate module for the analog detection of magnetic fields. Based on the AH49E Hall-effect chip, the sensor provides a voltage-controlled output signature that is proportional to the strength of the detected magnetic field. This makes it ideal for applications in position or motion detection, magnetic switches, sensor prototypes or for measuring magnetic changes in the environment.

With an operating voltage of 3.3 V - 5 V, the module is fully compatible with common microcontroller platforms such as Arduino, Raspberry Pi or ESP32. The compact design of 15 × 30 × 7 mm enables use even in confined projects or mobile setups.

The sensor is easy to connect and evaluate and is particularly suitable for use in DIY, educational or experimental projects. The ready-to-use sensor module is included in the scope of delivery.

MAIN FEATURES	
Funktion	The sensor provides an analog voltage signal via its output, which indicates the strength of the magnetic field
Chipset	AH49E
Functional area	3,3 V - 5 V
Power consumption	3,5 mA @ 5 V
Operating temperature range	-40 °C - 85 °C

ADDITIONAL INFORMATION	
Weight	1 g
Dimensions	15 x 30 x 7 mm
Article no.	SEN-KY035BM
Items delivered	SEN-KY035BM
Customs tariff number	8543700000
EAN	4250236816852