GY273

QMC5883L 3 Axis Module Magnetic Field Sensor

- QMC5883L module (three-axis magnetic field module)
- Model: GY-273
- IC: QMC5883L
- I2C interface
- 1-2 degree heading accuracy
- Integrated 12-bit ADC
- 160Hz max data rate
- A range of -8 to +8 Gauss
- Auto and personal navigation.
- UAV systems.
- Robotic navigation.
- Location-based services (LBS).
- The GY-273 module is based on the Honeywell QMC5883L IC for low-field magnetic sensing with a digital interface for applications such as low cost compassing and magnetometry.
- The QMC5883L includes state-of-threat, high-resolution QMC118X series magneto-resistive sensors plus an ASIC containing amplification; automatic degaussing strap drivers, offset cancellation, and a 12-bit ADC that enables 1° to 2° compass heading accuracy. The I2C serial bus allows for an easy interface.