SYNACORP TRADING & SERVICES



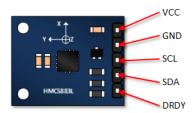
No.9, 1st Floor, Lrg 1/SS2, Bandar Tasek Mutiara, 14120 Simpang Ampat, S.Prai (S), Penang
Tel:+604.504.1617 Hunting Line: 012.4033.474 Fax:+604.502.1726

(Website) http://www.synacorp.my (Email) sales@synacorp.com.my

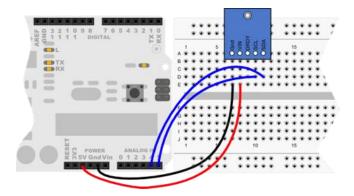
GY-273 Sensor Module

Application: Find Your Heading with an Arduino.

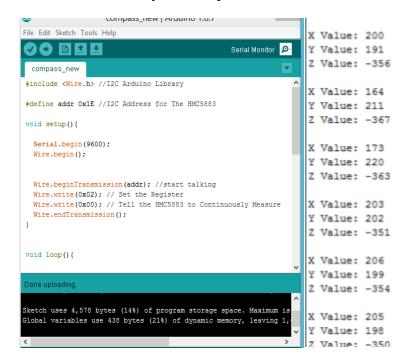
The device has five pins, in most applications and we just need four of them.



To start the project, connect circuit as shown below. Then copy the code into arduino.ide.



Open the Serial Monitor and Verify The Output.

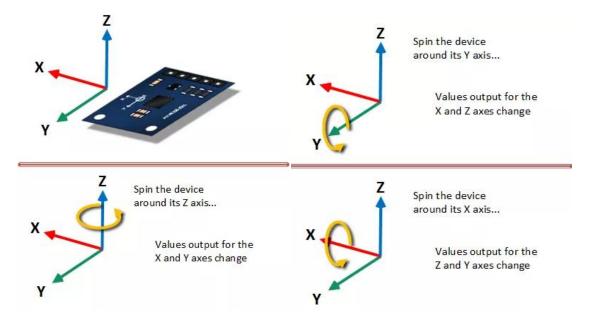


Your Strategic Solution Provider

SYNACORP TRADING & SERVICES

No.9, 1st Floor, Lrg 1/SS2, Bandar Tasek Mutiara, 14120 Simpang Ampat, S.Prai (S), Penang Tel:+604.504.1617 Hunting Line: 012.4033.474 Fax:+604.502.1726 (Website) http://www.synacorp.my (Email) sales@synacorp.com.my

Once the output is displayed, try turning the device along its various axes and view the results. Twisting or turning the device will provide the corresponding outputs.



The purpose of this application is to verify that serial monitor can displayed the output. The Honeywell HMC5883L sensor used is sensitive to the earth's magnetic fields in three axes. These axes are labeled as X, Y, and Z. An output is provided for each of these axes that describe the position of these axes relative to the earth's magnetic field.