

AMR Sensor Evaluation Board

Product Engineering
Department
Sensor Products Division

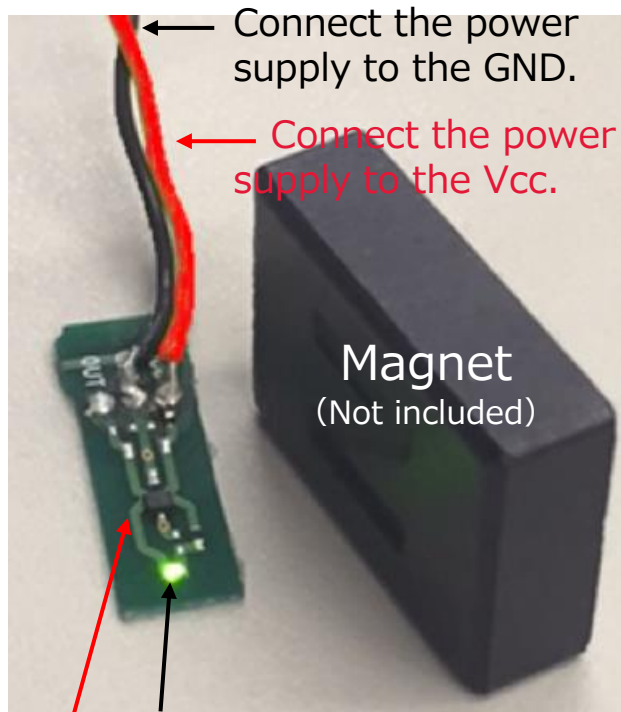
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Rev.1



AMR sensor Evaluation Board (MRMS501A-001 mounted on board) *muRata*

INNOVATOR IN ELECTRONICS

An LED equipped board is available to confirm AMR sensor operations.



Connect the power supply to the GND.

Connect the power supply to the Vcc.

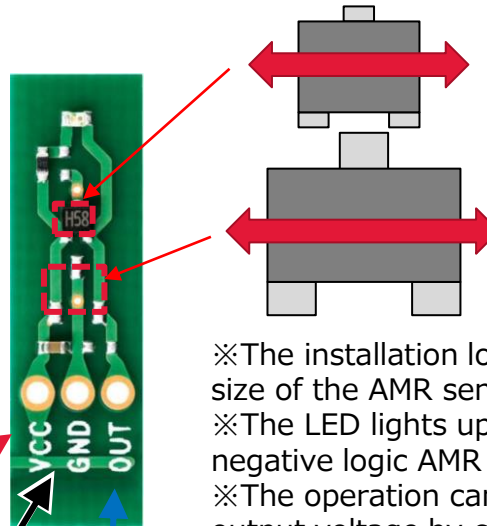
Magnet
(Not included)

The LED lights up when the magnetic force is detected.

AMR sensor mounted on board

This board is used to confirm AMR sensor operations.

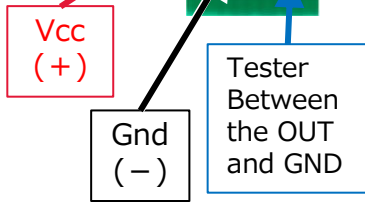
- Connect a power supply (3 - 5V) to the VCC and GND.
- The LED lights up when magnetic energy correctly enters the installed AMR sensor.



MRMS501A-001 mounted on board

MRMS201A-001 etc...
※Remove the mounted AMR sensor when replacing

- ※The installation location varies depending on the PKG size of the AMR sensor.
- ※The LED lights up when ON, but the MRMS501A-001 is a negative logic AMR sensor.
- ※The operation can also be confirmed through changes in output voltage by connecting equipment such as testers and oscilloscopes to the OUT terminal. Connect the tester between the OUT and GND when making confirmations with voltages.
- ※The ON/OFF sensitivity of the mounted sensor is not measured.
- ※The ON/OFF sensitivity value cannot be assigned at the time of purchase.



Please also refer to the evaluation board introduction page. It can be found in the parts handling website. (External Website)

URL: <https://www.murata.com/en-global/products/sensor/amr/design-development/evaluationboard>