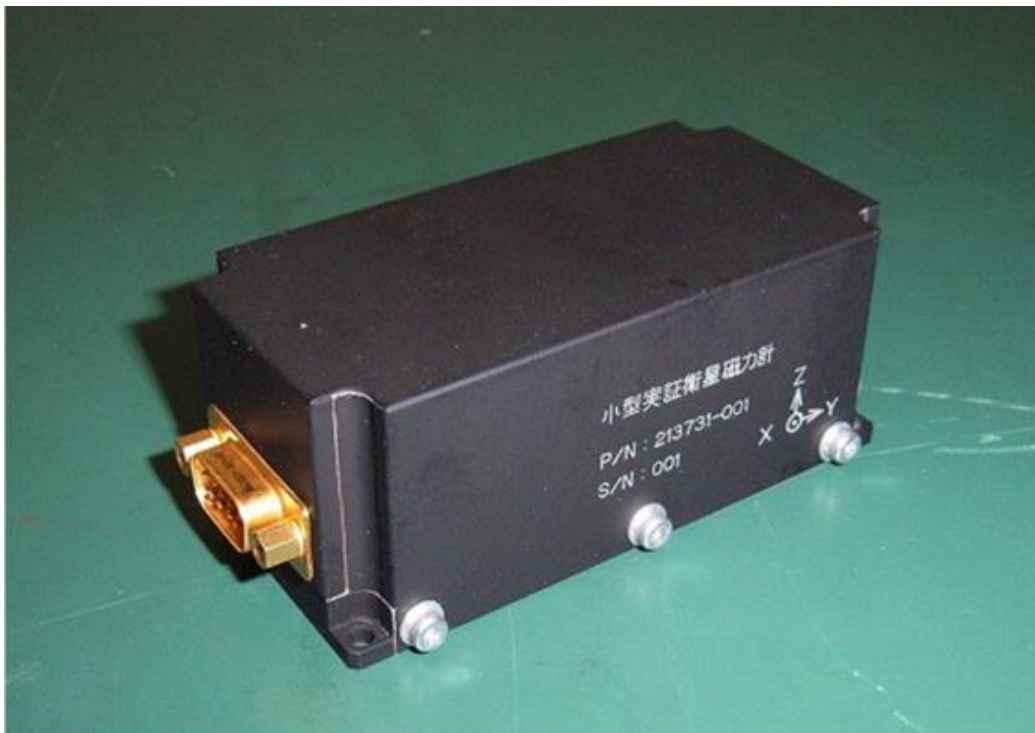


3-Axis Magnetometer for Small Satellite



Outline

3-axis fluxgate magnetometer for attitude measurement

Features

- **Flight proven**
- Lower cost using COTS parts
- High stability, good linearity
- Analog voltage output
- Wide power supply range
- Compact, light weight and low power consumption
- ITAR free
- RoHS nonconformity
- Made in Japan

SPECIFICATIONS

Items	Performance
Measurement range	± 64000 nT
Alignment accuracy	$\pm 1^\circ$
Analog output voltage	0 to 5 V
Power supply voltage	15 V
Power consumption	< 1.1 W (15 V / normal temperature)
Dimensions	100 x 50 x 40 mm (flange and screw not included)
Mass	< 220 g
Operating temperature range	-30 to +60°C
Lead time	About 6 months after receiving orders.
Heritages	SDS-4

* Above-mentioned specification is an example. The specifications will be customized to suit your request.

* This product was developed with the support of JAXA (Japan Aerospace Exploration Agency)

* Please take note that there is the possibility not to be able to sell the products mentioned herein depending on application and delivery place, concerning the rights related to technical information.

Caution

- For safe and correct usage, please read the "Operation Manual" prior to the use of the products.
- Specifications and designs are subject to change without notice.
- Specifications and designs are based on the standard model. Please contact us regarding further customization to suit your project's needs.
- This products may be subject to the application of the Foreign Exchange and Foreign Trade Act and other related laws and regulations in Japan. Customer agrees to comply with such regulations and acknowledges that it is their responsibility to obtain any required licenses to export, re-export, or import this products.
- We shall not be liable for any damages arising out of or in connection with the use of specifications herein, including liability for lost profit, business interruption, or any other damages whatsoever.
- The color of the product photography on catalog might be different from that of actual product because of printing.

www.meisei.co.jp/english

E-mail: aerospace@meisei.co.jp

Headquarters:

2223 Naganumamachi, Isesaki-shi,
Gunma 372-8585, Japan
Tel: +81-270-32-1117 Fax: +81-270-32-0988
Aerospace & Defense Systems Div.

Tokyo Branch:

TOYOSU IHI BUILDING 10F, 1-1, Toyosu 3-chome,
Koto-ku, Tokyo 135-8115, Japan
Tel: +81-3-6204-8252 Fax: +81-3-6204-8888
Sales & Marketing Dept.
Aerospace & Defense Systems Div.

MEISEI ELECTRIC CO., LTD.