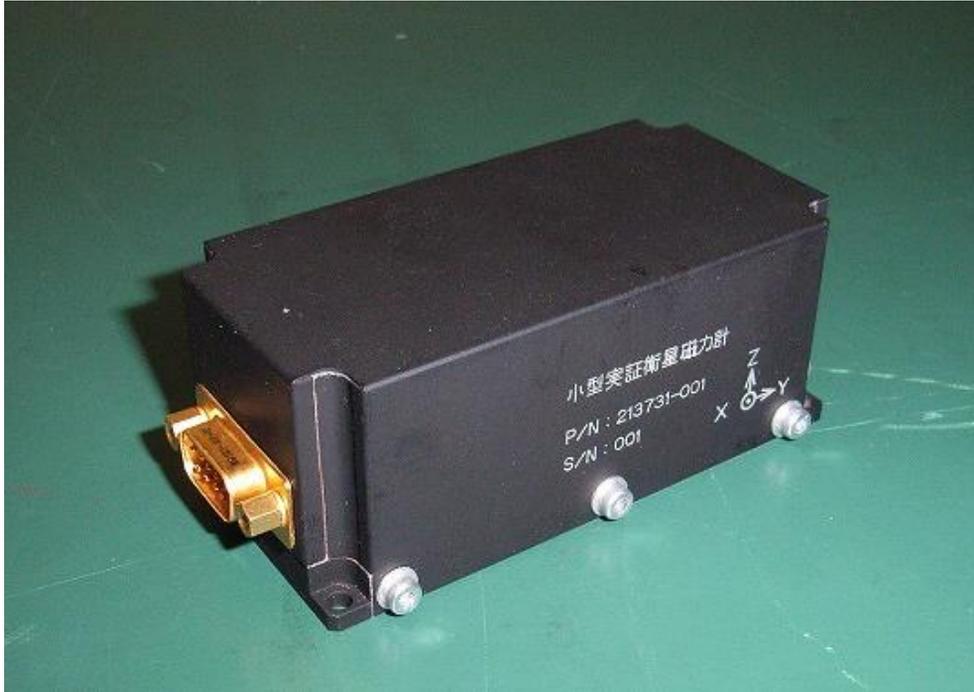


Magnetic Sensor for Spacecraft



Outline

This sensor measures the magnetic field strength in the space environment, which is necessary for the attitude control of satellite.

Heritage : JAXA Small Demonstration Satellite (SDS-4)

Features

- Stable and highly accurate measuring characteristics by ring-core sensor for fluxgate method
- Operation with single power supply
- Analog voltage output
- Compact, light weight and low power consumption design

Function

It measures 3 components strength of the magnetic field and outputs these with analog voltage signal.

* This product was developed in the support of JAXA.

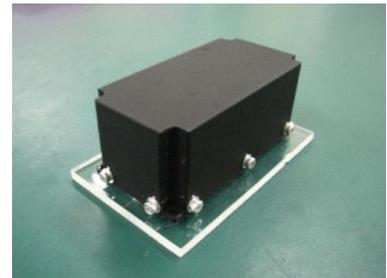
* Please take note that there is the possibility not to be able to sell the products mentioned herein depending on application and delivery place, concerning the rights related to technical information.

Performance

Measurement range	+/- 64000nT
Alignment accuracy	+/- 1deg
Output level	0 to 5V
Power supply voltage	10 to 34V
Power consumption	Less than 1W
Dimension	100mm × 50mm × 40mm
Mass	Less than 220g
Operating temp. range	-30°C to +60°C

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

Appearance



Caution

- 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 product 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 product.
- 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 printed colors may appear difficult from the actual product.

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