

# Low Power Flux-Gate Magnetometer

**MS-17**

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## Low Power Flux-Gate Magnetometer MS-17

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Magnetometer of general purpose

The product is useful for the measurement of 3-axis magnetic field components and magnitude with high resolution.



### Applications

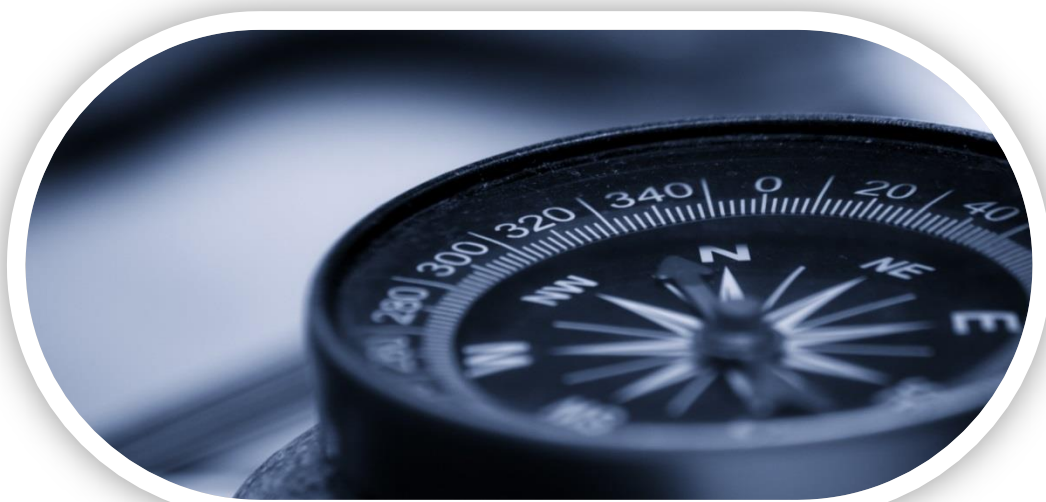
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- Detect objects have with magnetic properties.
- Earth magnetic measurements.
- Environmental magnetic field measurement.

### Characteristic

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- High orthogonality between three-axis with high linearity.
- Total field measurement.
- Low power consumption.



## Specification

MS-17	
Measuring axis	3-axis
Input voltage	24 V
Power consumption	1 W
Communication interface	RS-485 or RS422
Measuring range	$\pm 100 \mu\text{T}$
Linearity	$\pm 0.01\%$
Offset error	$< \pm 10 \text{ nT}$
Resolution	0.02 nT

## Operating environment and Mechanical

Operating Temp.	-
Dimension (mm)	157 (Length) X 40 (Diameter)
Total mass (g)	< 250
Coating	Anodizing
Connector	MWDM9P-6E5-18