

Miniatur Fluxgate Magnetometer WFG-140

Order-No: WFG-140-100, WFG-140-110 Series/Model: WFG-130



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Miniature Fluxgate Magnetometer System

Main Product Features

- **Complete 3 axis system**
- **Low noise level:**
- **Measure fields up to ± 1 Gauss**
- **Operates from ± 15 VDC**

The WFG-140 magnetometer is a complete 3 Axis Fluxgate Magnetometer system packaged in a rectangular package of dimensions 1.5"x1.5"x4.65". With low noise and small size, the instrument can be used wherever small magnetic fields (3×10^{-7} to 1 Gauss) need to be measured.

Output from the sensor is 3 analog voltages proportional to the magnetic field in three orthogonal directions. Full scale output is ± 10 volts, which represents a magnetic field of ± 1 Gauss. The system is simple to set up and operate.

Applications

- OEM and Systemintegration
- Measurement of the Earth's magnetic field
- Fluxgate compass systems
- Magnetic anomaly detection



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