

INB-125T: Inclinometer Near Bit

The MicroTesla Inclinometer Near Bit (INB) has been revised and improved, taking advantage of the latest advances in the SiFlex2 device, the associated electronic circuits, and continual upgrades to the MicroTesla proprietary Calibration System. We can now provide inclination accuracy that closely approaches quartz accelerometers. This sensor is designed to be used with the customer's power supply and short-hop telemetry packages.

Physical

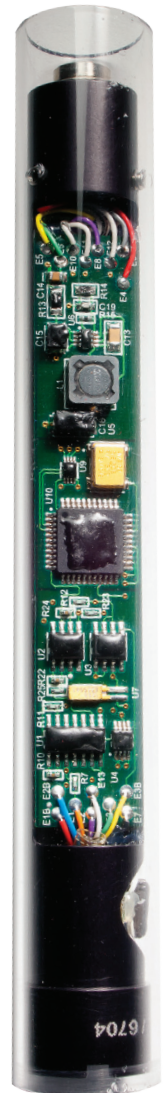
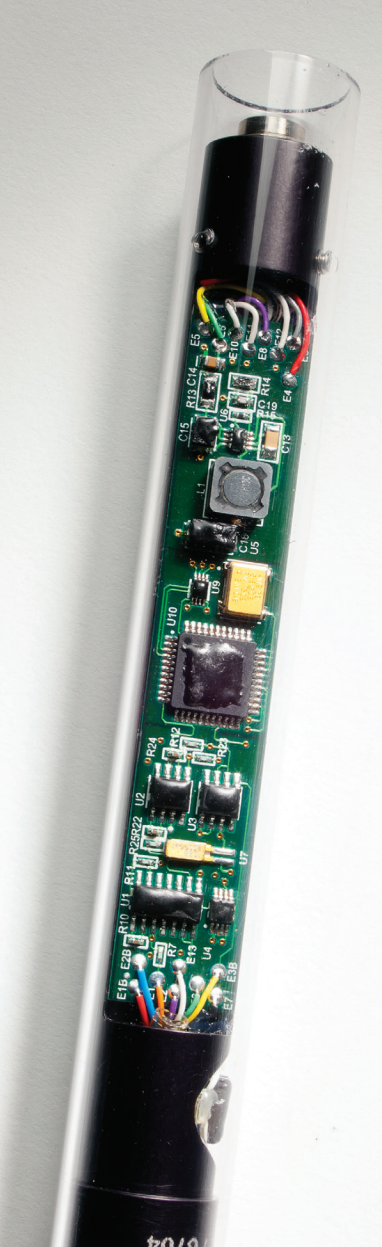
- Length: Min 6.05"
- Diameter: 0.75"
- SiFlex2, MEMS accelerometers
- All boards are fully covered

Electrical

- Surfacemount electronics with board encapsulation
- Voltage requirement: +10V to +40V
- Input current: less than 100mA
- Digital interface: serial logic level, TTL
- Dedicated microprocessor and power supply built in
- Temperature compensated inclination output
- Raw and corrected sensor outputs, angles

Environmental

- All boards qualified for high-temp applications, 175°C
- SiFlex2, MEMS Accelerometers, 125°C
- Although the boards are qualified at 175°C this tools temperature rating is based on the SiFlex2 MEMS accelerometer, 125°C



6830 N. ELDRIDGE PKWY, STE. 110
HOUSTON, TX 77041
OFFICE: 713.856.8111
FAX: 713.856.7979
EMAIL: INFO@MICROTESLA.COM

