



We **innovate | consult | engineer | deliver** custom engineered solutions using the appropriate advanced sensing technology to meet the demands of our customers. Our versatile engineering expertise in magnetic sensing technologies and custom packaging allows us to be a one-stop-shop for your sensing requirements.

**manufacturing**

- Lean Manufacturing Principles
- Thermoplastic & Thermoset Molding
- Low Pressure Molding (Hot Melt)
- Laser Welding
- Plasma Surface Treatment
- Plastic Injection Molding
- Potting – 2 Component
- Reed Switch Manufacturing
- Stainless Steel Fabrication
- SMT Line with Pick & Place, Reflow & AOI
- Selective Soldering
- Wire Harness Processing

**engineering**

- 3-D CAD Modeling & Printing
- 3-D Magnetic Sensor Mapping
- Mechanical Design & Packaging
- Rapid Prototyping
- Magnetic Simulation Software
- Mechanical, Thermal & FEA Analysis
- Plastic Mold Flow Simulation
- APQP Project Management

**testing + tooling**

- 2-D/3-D Micro Focus X-ray Inspection
- Full Load & Temperature Rise Testing
- Digital Microscopic Inspection
- MIL-STD-202 In-House Qualification Testing
- Mechanical, Shock & Vibration
- Burn-In & Life Testing
- Thermal Shock & Temperature Cycling
- Humidity, Salt Fog, & Solderability
- Moisture Resistance & Seal Testing
- Complete, In-House Machine Shop
- Reed Switch Parametric Testing
- Custom Sensor Test System Design & Build

**quality/ certifications**

- AS9100 Certified
- ISO9001 Certified
- TS16949 Certified
- UL & ATEX Certified
- ITAR Compliance
- IP67 Compliance
- Regulatory Agency Approvals
- PPAP & First Article Inspection