Customer-Focused Solutions

Sensor Solutions® was incorporated in Colorado in 1993. It grew from a single family of magnetic distance sensors into over 20 different families of products, all based on magnetic field detection. The company currently holds 5 patents in magnetic sensing, with more in the works. Our growth in test and measurement, OEM, and replacement magnetic sensors has expanded our catalog to over 6,000 unique magnetic field Hall Effect sensors. We regularly develop new magnetic sensors for prototypes, OEM products, OEM replacements, and custom applications that range from military to renewable energy; we're your onestop-shop for catalog or custom magnetic sensors.

Standex Electronics

at a Glance

Publicly traded

division of Standex International Corporation (NYSE:SXI)

Fairfield, OH

division headquarters

Global

geographic coverage through facilities in North America, Europe, and Asia

Diverse

capabilities for custom or standard product solutions

\$300M in annual revenue

1,600+ employees worldwide

70+ years of innovation

What We Do

PARTNER | SOLVE | DELIVER®



ENGINEERS ON CALL 970-879-9900

Experienced Engineers are available M-F for selecting sensors for new applications, designing new sensors, and product support after shipment.



BUILD-TO-ORDER PRODUCTS IN 1 WEEK

Receive the exact magnetic sensor function and package you require in days, utilizing modular manufacturing concepts.



RAPID DESIGN & DEVELOPMENT

Prototypes for new custom sensor packages, functions, and electrical options are built in-house/shipped in days of order reciept. New products ready for customer testing or production release in 1-6 weeks.

Sensor Solutions, Inc.

(A Standex Electronics Company) 2670 Copper Ridge Cir Unit 21 Steamboat Springs, CO 80487 USA +1.970.879.9900 sales@sensorso.com





Company Overview

PARTNER | SOLVE | DELIVER®



FUNCTION

- Measure Speed
- Measure Speed and Direction
- Measure Count
- Measure Position
- Measure Proximity
- Measure Alignment
- Measure Rotation Angle
- Measure Field Strength

In-House Capabilities

MANUFACTURING

- Molded Sensor Packaging & Component Design
- PCBA with Fast Precision Pick & Place
- Component Laser Fabrication
- Laser Product ID Marking (Stainless Steel, Aluminum, and Plastics)
- Sensor Functionality Integrated with Custom Sensor Housings/Packages
- Automated Cable & Wire Prep (Cut/Tin) Custom Pigtail Assy's w/Application-
- Specific Environmental Protection Custom Magnetic Target Packaging In
- Threaded Bolts & Shaft Collars

 Full/Vacuum Encapsulation & Thermal Curing Custom & Catalog Smart Sensors <1 week • Prototype, 1 Time, and Low-High Volume OEM Production

CATALOG

Gear Detection Sensors

Linear Position Sensors

Angular Position Sensors

Speed Switches

Reed Switches

Analog Hall Effect Sensors

Ferrous Metal Proximity Sensors

• Custom Sensor Types and Accessories

Hall Effect and Magneto-resistive Switches

ENGINEERING

- Electronic Sensor Engineering Rapid PCB & PCBA Design and Testing
- Permanent Magnet Design & Field Calibration
- Mechanical Design & Packaging
- Six Sigma Design Methodology

TESTING & LAB CAPABILITIES

- 100% Critical Characteristics Lot Testing Precision Programming, Packaging, & Testing (Allegro, Melexis, Micronas, Other Magnetic Sensors/Sensing Elements)
- Temperature Cycling & Burn-In
- Active Magnetic Field Hall Effect Programming & Testing
- Magnetic Field Calibration
- On-Board Microprocessor Based Sensor Design & Signal Conditioning
- Product Testing Specific to Customer Requirements & Targets

OUALITY & COMPLIANCE

ISO9001:2015 Certified

Power Generation

Renewable Energy

Transportation

- RoHS Compliant
- Failure Analysis & Preventative Action Planning • High Quality Stainless Steel, Aluminum, or Molded Nylon Housings

TARGET

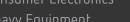
- Gear
- Rack Gear
- Other Ferrous Targets
- Magnets
- Multi-Pole Magnet Tape
- Angular Position Magnet
- Shot Rod







- Heavy Equipment
- Marine
- Consumer Electronics









• Agricultural

• Aerospace









