

Customer-Focused Solutions

Standex Electronics is a worldwide market leader in the design, development, and manufacture of standard reed switch-based solutions & custom magnetics and power conversion components and assemblies. Through customer-first attitude, and our collaborative approach, we help customers win in the market. The problems we solve through engineering parts that go into automobiles, airplanes, medical devices, appliances, HVAC, food service, hydraulics, and more allow for cars to start, planes to fly, stoves to heat, refrigerators to cool, pipes to flow, and humans, homes, and companies to use water, power, and other resources more efficiently.

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

\$240M
in annual revenue

1,500+
employees worldwide

70+
years of innovation

What We Do

PARTNER | SOLVE | DELIVER®



PARTNER // TEAMWORK

We dig deep into the customer's project and develop relationship through our thought leadership, expertise, team, and global footprint.



SOLVE // UNDERSTAND

Confronting a challenge to solve through our diverse products and dynamic capabilities.



DELIVER // QUALITY

Help customers win through delivering solutions and products that address your needs as a business.

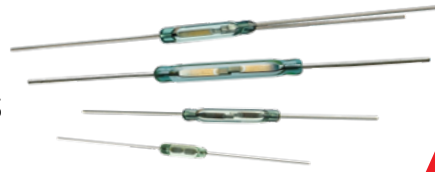
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Company Overview

Product Solutions

REED SWITCHES



REED RELAYS



MAGNETICS



SENSORS



Global Locations



Capabilities

MANUFACTURING

- Automated Optical Inspection (AOI)
- Auto AT Switch Sorting
- Reed Switch, Sensor, & Relay Manufacturing SMT
- Line with Pick & Place & Reflow
- Reflow Oven – Multiple Zone Convection & Injection Molding
- Thermoplastic & Thermoset Molding
- Low Pressure (Hot Melt) & Injection Molding
- Wire Prep & Harness Assembly
- 52 to 5awg Magnetic Wire Winding
- Foil, Flat, & Square Wire Winding
- Automatic CNC Winding
- Bobbin, Layer, & Self-Supporting Winding
- Toroidal Hook & Shuttle Winding

- Potting – 2 Component
- Impregnation, Casting, & Potting
- Void-Free Vacuum Potting
- Wave & Selective Soldering
- NASA Certified Soldering
- Laser Welding
- Plasma Surface Treatment
- Lean Manufacturing Principles
- Stainless Steel, Metal & Plastic Fabrication
- Complete, In-House Machine Shop

ENGINEERING

- Electronic Sensor Engineering
- Circuit Design and PCB Layout
- 3-D Magnetic Sensor Mapping
- 3-D CAD Modeling & 3-D Printing

- Mechanical Design & Packaging
- Rapid Prototyping
- Magnetic Simulation Software
- Mechanical, Thermal & FEA Analysis
- Plastic Mold Flow Simulation
- APQP Project Management

QUALITY & COMPLIANCE

- AS9100, ISO9001 & IATF16949 Certifications
- ITAR Compliance
- Regulatory Agency Approvals
- PPAP & First Article Inspection
- SPC Data Collection
- RoHS, REACH, UL, AEC-Q200, ATEX & IECEx

TESTING & LAB CAPABILITIES

- High Voltage / Partial Discharge Testing
- Specialized Lab Testing Equipment: Network
- Analyzers, Nanovoltmeters, Gauss / Teslameters, Fluxmeters, Picoammeters
- Full Load & Temperature Rise Testing
- 2-D/3-D Microfocus X-ray Inspection
- Digital Microscopic Inspection
- Burn-In & Life Testing
- Thermal Shock & Temperature Cycling
- Humidity, Salt Fog, & Solderability
- Moisture Resistance & Seal Testing

Main Markets & Applications

- Aerospace & Military
- Alternative Energy
- Automotive / Transportation
- Heavy Duty Truck
- Electric Power & Utilities
- Fluid Flow
- Food Service
- Medical
- Smart Grid & Metering
- Industrial & Power
- Test & Measurement
- Security & Safety
- Household & Appliances
- HVAC/R
- Pool / Spa
- Lighting

