

## Industrial Market Applications



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Component failure in industrial environments means downtime, lost production, and lost revenue. That's why design engineers rely on **Standex-Meder Electronics to provide not only electronic components like transformers, inductors and chokes, but also ideas, engineering expertise and assistance. As a manufacturer with a global footprint, Standex offers worldwide sourcing and manufacturing capabilities. This translates to cost effective procurement, manufacturing, and logistics depending on the needs of the customer. Standex is fully capable of providing individual components as well as integrated sub assemblies and assemblies.**

Standex-Meder is the preferred supplier to one of the world's leading manufacturers of electrical power distribution and management systems. Our engineers work closely with this customer to design and manufacture:

- Current sensing devices
- Magnetic trip coils
- Power transformers
- Voltage transformers
- Multi-tap transformers

Standex-Meder design engineers often think 'out of the box' to develop custom solutions – like the "voice coil" we developed for use in an outboard marine engine. This coil, which is completely immersed in fuel, energizes the fuel injectors. This engine has the highest efficiency and cleanest operating performance of any marine engine.

### Custom Standex-Meder assemblies for Industrial applications:

- UL, CSA and ETL rated transformers custom designed for any industrial or commercial application
- Power transformers used in the food and beverage industry for cooktops, stoves and beverage dispensing equipment
- Magnetic components for commercial lighting applications ranging between lighting display cases to high intensity lamps or lighting street lights and stadiums
- Class 2/Class 3 laminated power transformers supplied to one of the world's leading manufacturers of residential and commercial irrigation systems
- Molded reed switch proximity sensors to detect the 'open or closed' position of doors, lids and safety critical enclosures
- Transformers, inductors, and chokes used to power and control communications equipment
- Insert-molded RF transformers for garage door openers
- General purpose transformers for wet applications including pool and spa controls



Product Solutions

www.standexmeder.com

Design Capabilities

- Transformers
- Fully integrated assemblies and sub assemblies
- Inductors
- Chokes
- Sensor & Reed Switch Engineering
- Connector & Terminal Engineering
- Mechanical Engineering & Electronic Component Packaging
- 3-D Solid Modeling Design

Manufacturing & test capabilities include:

- Hi-volume, Progressive Die Stamping
- Wire Prep and Wire Harness Assembly
- Glass to Metal Sealing
- 52ga-8ga & Foil Magnetic Component Winding
- Wind and Assemble all core shapes and type including Laminated
- Rapid Prototyping
- Complete, In House Machine shop
- TS16949:2002, QS9000 and ISO Certified Plants
- Fully Equipped Certified Test Labs
- In-house molding

The Oakville lab facility is approved as a Witness Testing Location  
by the following agencies:

- Canadian Standards Association (CSA)
- Underwriters Laboratories
- Intertek Testing Services (ETL)
- TÜV Rheinland®



Low frequency magnetic  
with enclosures



Industrial current  
sense transformer



Magnetic reed  
switches as small as  
3.7mm, available in  
surface mount de-  
signs



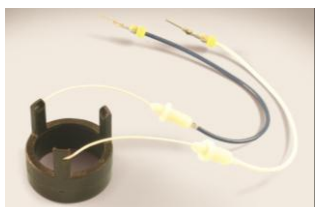
Cored connected  
class 2 transformer



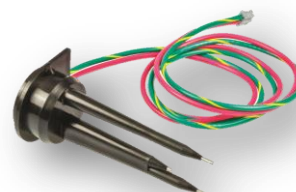
Custom laminated  
transformers



Pressure differential  
sensor



Voice Coil for Marine  
Application



Conductivity Sensor