

## Foodservice Market Applications

### Custom Transformers, Sensors and Electronic Assemblies



**Standex supplies custom transformers, power supplies and electronic components to manufacturers of foodservice equipment. Often our innovative thinking leads to unique designs and technologies – like current sense transformers which sense the drag on rotors used in “slushy” machines, or fluid level switches used for syrup dispensers.**

Companies rely on us to supply unparalleled components, yet we provide something even more valuable - technical assistance, ideas, and engineering expertise at each step along the design and manufacturing process.

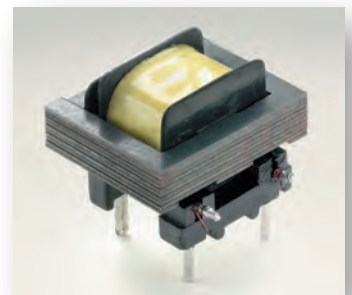
Our robust designs are available as single components – or can be combined with ancillary services such as wiring harnesses, leads, molding, stamping, even integration into upstream/downstream components to simplify installation and reduce costs.

#### **Custom Standex assemblies for foodservice applications:**

- Current sense transformers for frozen drink machines
- Syrup level sensors in auto dispensing system for food processing
- Custom transformers for industrial ovens
- Steam table liquid level sensors
- Steam oven liquid level sensors

#### **Capabilities include:**

- Connector & Terminal Engineering
- Hi-volume, Progressive Die Stamping
- Experienced in UL, CSA, IEC, TUV & VDE Standards
- Mechanical Engineering & Electronic Component Packing
- 3-D Solid Modeling Design
- Plastic Molding Capabilities
- Wire Prep and Wire Harness Assembly
- Rapid Prototyping
- Glass to Metal Sealing
- Laser welding
- Magnetic component engineering
- Power Supply & Other Systems Engineering
- 52ga - 8ga & Foil Magnetic Component Winding
- Wind and assemble all core shapes and types including laminated
- Sensor & Reed Switch Engineering
- Complete lab & test capabilities for Mil/Aero, automotive and other industries as required



**Call Standex today  
for your foodservice  
component needs.**

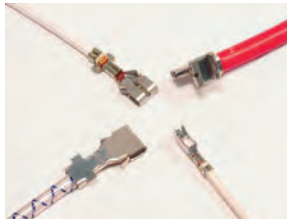
## Foodservice Market Product Guide

### Laboratory test capabilities for Foodservice applications:

- Thermal Shock Testing (-70°C to 200°C, LN2 boost assures less than a 5 minute air-temperature recovery time).
- Thermal Cycle Testing (-68°C to 177°C)
- Humidity Testing (-18°C to 93°C, 98% RH, cycle temp or steady state).
- Vibration Testing (Sine or Random profile, 1" pk-pk displacement, 0 to 80 g pk, 5 to 2000 HZ)
- Mechanical Shock Drop Testing (½ sine 50g 11ms, ½ sine 1500g .5ms, or sawtooth 100g 6ms)
- Hi Temp Testing (Up to 260°C)
- Salt Fog Testing
- Solderability Testing

### 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®



Wire harness  
connector assemblies



Current-Sense  
Transformers for  
a Broad Range of  
Applications



Class 2 energy-limiting  
wired in transformer



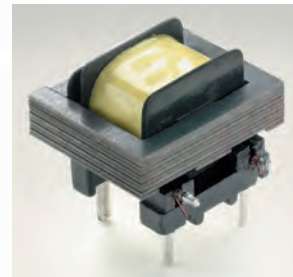
Conductive liquid  
level sensor



Control Circuit  
Transformers -  
Bracket Mount



Control Circuit Power  
Transformers -  
Channel frame  
mounted



Current sense  
transformer for frozen  
drink machine



Liquid level sensors