

## Fluid Level Sensors for HVAC, Appliance, Automotive, and Industrial Applications



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Standex-Meder supplies fluid level sensors that use a wide range of technologies - from magnetic Reed Switch technology to conductive technology. Standex-Meder designs fluid level sensors that are appropriate for each individual application. From basic sensors which are driven by external electronics to turnkey sensor systems with switched outputs, Standex-Meder delivers solutions to the most demanding fluid level sensing applications.

We offer engineering assistance at each stage of the procurement process – from product conception to volume production. Our “global footprint” means that we can produce the product you need close to your using facilities – thereby simplifying logistics and lowering costs.



### Ideal for a wide range of applications:

- Windshield washer fluid
- Coolant level
- Brake fluid
- DI water
- Wastewater overflow
- Sump pumps and septic tank level
- Liquid detergent level for dishwasher and laundry
- Fabric softener for laundry
- Syrup level sensors for food processing
- Water level for commercial coffee makers and similar devices
- Boiling water

### Broadest range of products & capabilities:

- Magnetic technology based fluid level sensors use Standex-Meder manufactured magnetic Reed switches and injection molded float/magnet assemblies.
- Capability to switch dry circuits to power loads as high as 70 VA and 300 VAC.
- Non-intrusive sensing capability (externally mounted sensors)
- Sensors designs that can be mounted using seal grommets, spin welding, hot plate bonding or screw threaded into the container.
- Designs available for plastic and metal containers.
- Designs for injection molded or blow molded plastic containers.
- Conductive technology based sensors have the ability to operate properly with low viscosity fluids such as liquid soap.
- Conductivity based fluid level sensor systems that eliminate normal operational issues caused by multiple conductive paths.

Product Solutions

**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 types including Laminated
- Rapid Prototyping
- TS16949:2002, QS9000 and ISO Certified Plants
- Fully Equipped Certified Test Labs
- In-house molding



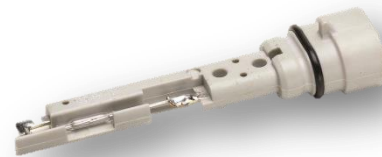
Windshield Washer  
 Sensor



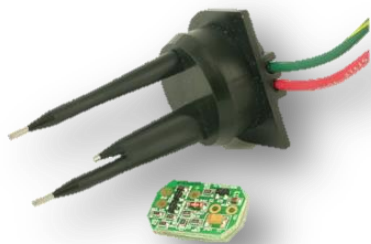
Automotive Wind-  
 shield Washer Sensor



Automotive coolant and  
 washer fluid sensors with  
 harness connectors



Coolant Surge  
 Tank Sensor



Conductive Sensor for  
 liquid detergent



Non-intrusive liquid  
 level sensor



Injection molded mag-  
 net/float assemblies