



Application Alley

Coolant Fluid Sensor, R12601

Automotive Sensors "Quick Action for Quick Fixes"

Standex-Meder had two different instances with the same customer where our response time, ingenuity, and capabilities were put to the test around an automotive application for a coolant fluid sensor.

On these two separate projects, our customer presented a need that required short turnaround time, and where we quickly expedited testing and tooling modifications to deliver a reliable solution.

The first instance occurred when floats made for coolant fluid were sinking in the bottles. The second occurred when the leaking of battery coolant happened – causing a fire.



Both cases demanded rapid solutions through developing and producing sensors in a short time frame, stringent requirements, and adherence to various regulations. It was critical to deliver to these needs considering the potential consequences of these situations.

We strategically partnered with our customer

to provide a solution to an important need they had, but also delivered a high-performing quality product that generated safety for the end-user.

Component Corner (Expert Insights) Executive Standex-Meder Customer

“ We had an urgent need to address issues related to our automotive coolant fluid sensors not functioning properly during testing and also normal use. The Standex-Meder team quickly responded by partnering with our team of Engineers to diagnose the problem, designed a reliable solution, led testing and measurement, validated requirements, and allowed us to continue with the manufacturing process. ”

Our customer needed to address these situations immediately. To add the new sensor, all the coolant bottles also needed to be replaced. Our team utilized quick turn mold houses to make this happen within three weeks, during the Christmas holidays. Their problems became our challenge, and we achieved success working non-stop and doing what it took to address their needs.

At Standex-Meder our customers matter, as do their end-users – and we show it through action. Your problems become our challenges. Give us a hello@standexmeder.com to discover how we can conquer obstacles together!

About Standex Electronics

Standex Electronics is a worldwide market leader in the design, engineering, and manufacture of standard and custom electro-magnetic components, including magnetics products and reed switch-based solutions.

Our magnetics offerings include planar, current sense, and conventional low- and high-frequency transformers and inductors. Reed switch-based solutions include Meder, Kent, and KOFU brand reed switches, as well as a complete portfolio of reed relays, and a comprehensive array of fluid level, proximity, motion, water flow, HVAC condensate, hydraulic pressure differential, capacitive, conductive and inductive sensors.

We offer engineered product solutions for a broad range of product applications in the transportation, automotive, medical, test and measurement, military and aerospace, aviation, HVAC, appliance, security and safety, and general power and industrial markets.

Standex Electronics has a commitment to absolute customer satisfaction through a partner, solve, and deliver approach. With a global organization that offers sales support, engineering capabilities, and technical resources worldwide – we implement customer driven innovation that puts the customer first.

For more information on Standex Electronics, visit us on the web at standexelectronics.com.

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