

Coolant Leak Detection Sensor

Overview

According to sharp growth of Electrical Vehicles (EV), many OEMs are using cooling systems for their battery systems. However, if an instance of coolant leakage were to occur in Li-ion battery packs, it would create dangerous conditions.

Amphenol Thermometrics' Coolant Leak Detection Sensor detects coolant leakage via a change in resistance value of the sensor and feeds a signal to the Battery Management System for (BMS) to warn the driver.

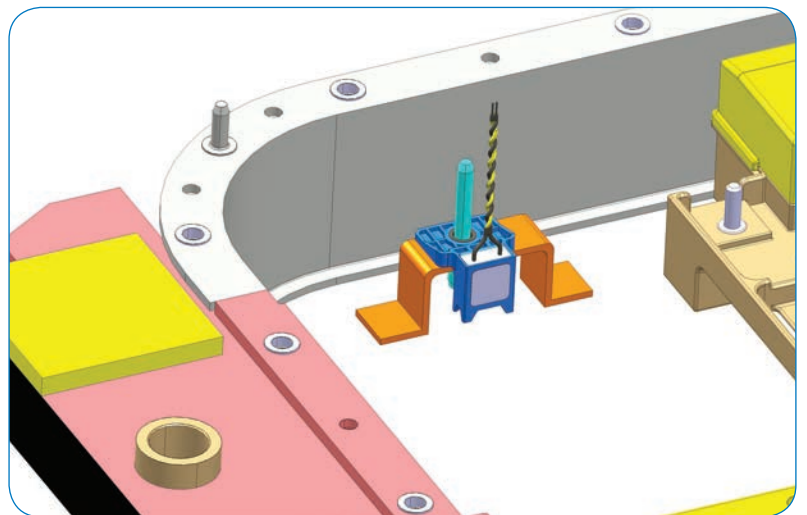
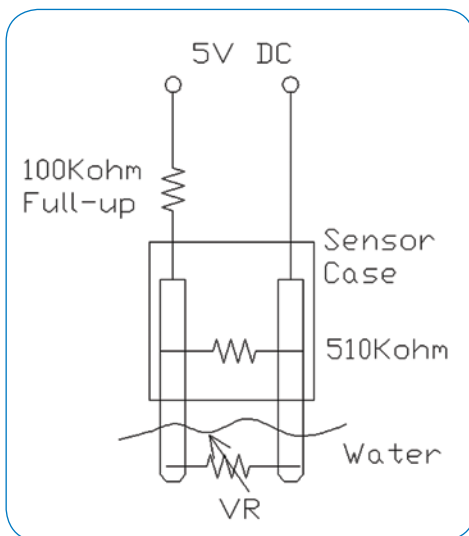


Features

- $510\Omega \pm 3\%$
- Operating Temperature Range: -40°C to 85°C
- Easy to install
- RoHS Compliance (Directive 2011/65/EU)

Applications

- Battery Pack Water Detection



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