### Case Summary

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<th>Customer</th>
<th>Valeo</th>
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<tr>
<td>Industry</td>
<td>Automotive</td>
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**Critical Need**

Valeo required a highly reliable temperature sensor in a small, robust package to optimize the performance of their air-conditioning system.

**Results**

Valeo’s system was designed with Therm-O-Disc’s sensor and performed as desired. The benefits positively impacted Valeo’s installation ease, their system control, and their end customers overall experience.

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**The Situation**

Valeo is an automotive supplier and partner to automakers worldwide. As a technology company, Valeo designs innovative solutions for smart mobility, with a particular focus on intuitive driving and reducing CO₂ emissions.

The team at Valeo was developing a small evaporator for a special energy efficiency project. The supplier they had been working with did not offer a temperature sensor small enough to insert into a specific evaporator. They were seeking a partner that offered the right size sensor, at the right price.

**The Solution**

Emerson’s Therm-O-Disc, a leader in the innovation of sensing devices, collaborated with Valeo engineering to implement a small thermistor temperature sensor design with improved thermal response that was specifically developed for air sensing.

**The Results**

The unique compact sensor package proved easy to install into the required confined space while delivering consistent, reliable temperature response. Valeo has been using the Therm-O-Disc sensor successfully for over two years and promoted it to their end users as an excellent solution.

For more information visit emerson.com.