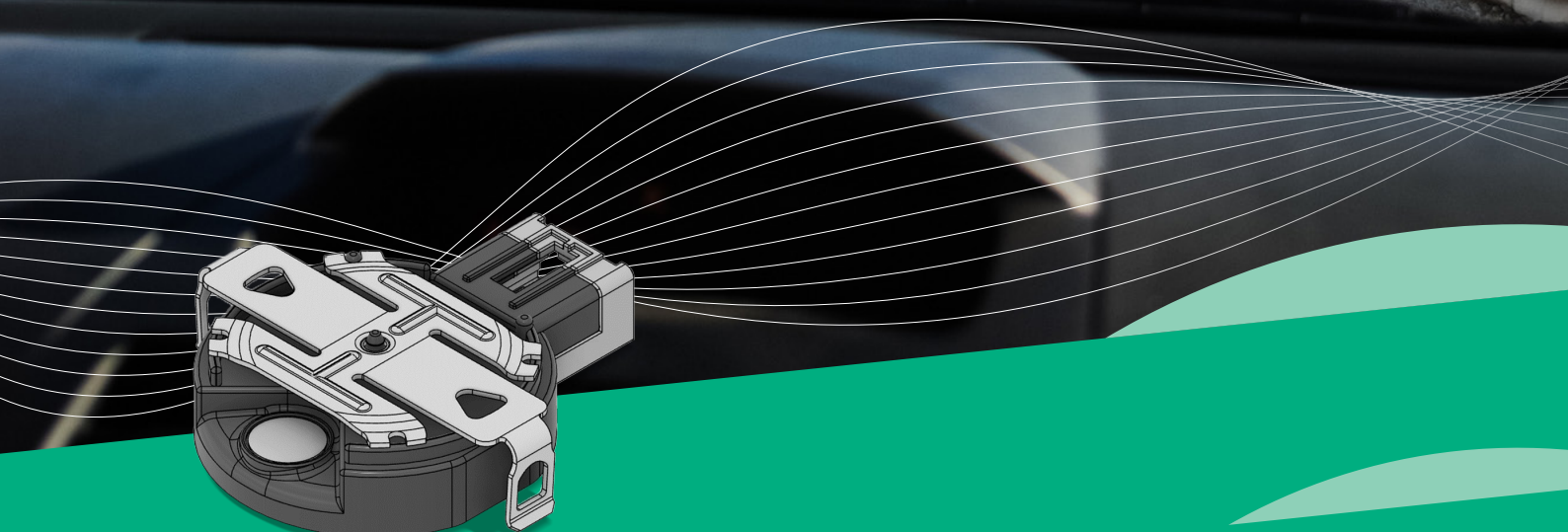


WSS2



Windshield Anti-Fogging Sensor

- Fast and accurate detection of windshield dewpoint
- Full automotive grade module
- OEM-customizable

Automotive Windshield Anti-Fogging Sensor

Automotive windshield anti-fogging sensor for optimal energy efficiency and safety.

The WSS2 WindShield Sensor is a fully automotive-qualified module for precise dewpoint detection on vehicle windshields for effective fogging prevention. The WSS2 utilizes a state-of-the-art temperature and humidity sensor to calculate accurate dew points at

said location, ensuring maximum HVAC efficiency at optimal passenger experience and safety.

The device extends battery ranges of modern electric vehicles by maximizing HVAC energy savings, making WSS2 yet another game-changer in the pursuit of sustainable and eco-friendly transportation.

Features

- Fast and accurate dewpoint detection at windshield
- Fits standard sensor farm brackets at mirror base
- Fully OEM customizable with LIN communication
- Rugged automotive packaging

Benefits

- Efficient HVAC air control
- HVAC energy savings for extended battery range
- Improved passenger comfort and safety
- Tool-free electromechanical integration
- Reliable automotive technology

Properties

- AEC-Q100, ISO/IATF16949:2016 and VDA6.3 conformant design with full traceability
- Temperature range: -40 – 85°C
- Humidity range: 0 – 100% relative humidity
- Dewpoint accuracy down to $\pm 1^\circ\text{C}$
- Dimensions: W 34 x L 47 x H 12mm3
- Current consumption: <10mA at 12V
- Weight: <20g

Typical Application

- Automotive windshield anti-fogging
- Automotive dewpoint detection
- General surface anti-fogging / dewpoint detection

