



## Interior Fog Sensor

First Technology's Interior Fog/Condensation Sensor is designed to provide an output signal that corresponds to the level of moisture on the interior glass surface of the vehicle.

The fog sensor works by sending a beam of infrared light onto the interior glass; when fog is present the beam will be scattered back to the sensor. This information can then be used by the vehicle's climate control system to determine if the defogger or glass heating elements should be activated. The fog sensor's high sensitivity allows fog to be detected by the sensor before it is detected by human eye.

First Technology is an ISO and TS registered company. We provide world-class quality products error free and on time.

### Features:

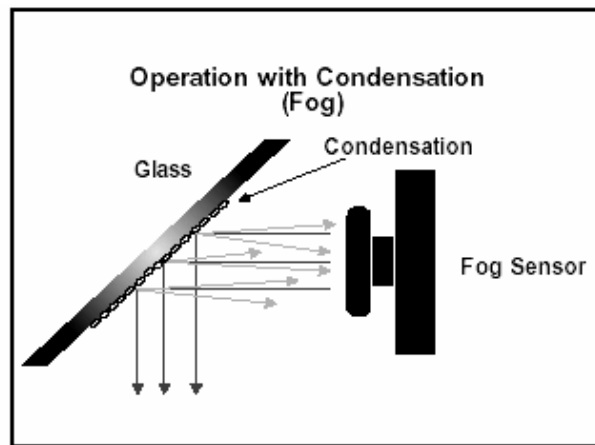
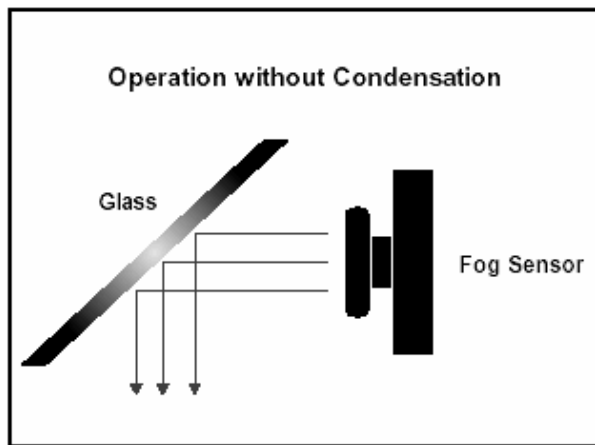
- Non-contacting sensing technology
- Direct measurement of fog; no need for pre-emptive controls

- Detects fog before it is visible to the human eye
- On board diagnostics
- Two output versions available: LIN and PWM
- Automatic compensation for ambient light, foreign objects and windshield degradation.
- SMD and Chip-on-Board technology provides for small package

### Benefits:

- Improves driving safety
- Improves occupant comfort and convenience
- No field calibration required for life of vehicle
- Varying mounting strategies: IP, mirror, and rear applications





General Specifications	
Storage Temperature Range	-40°C to 100°C
Operating Temperature Range	-40°C to 85°C
Supply Voltage	9 to 16 Volts
Output Formats	LIN or PWM
Fog Perception	A linear output from subvisible to heavily obscured
Distance from Windshield	4 to 10 cm
Current Consumption	50 ma average
Unit Size	Approximately 4x2x1 cm

## Global Sales Offices

### North America

Sensata Technologies, Inc.  
Electrical Protection  
529 Pleasant Street, MS B-49  
Attleboro, Massachusetts 02703  
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### Europe

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### Asia

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### Central & South America

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