

# Air Quality Sensor



### Applications

Capable of counter measuring efficiently against exhaust gas on vehicles equipped with front-end module (FEM) and automatic air conditioning systems.

The Air Quality Sensor (AQS) monitors the air coming into the vehicle for exhaust gas and sends a signal to open or close the damper to help maintain good air quality inside the vehicle.



### Features

- Quick response
- Easy to install
- Compact size

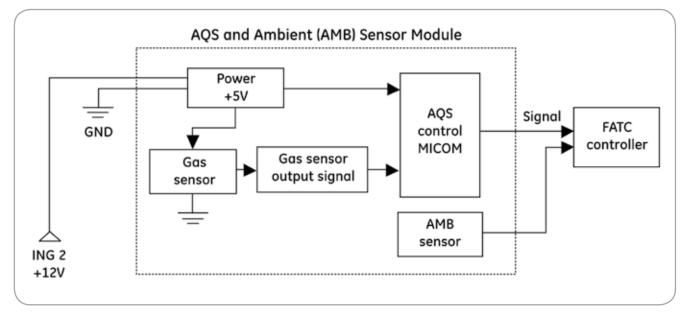
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## Air Quality Sensor Specifications

	Minimum	Typical	Maximum	Unit
Operating Voltage Range	9.0	12.0	16.0	VDC
Current		150	200	mA
Operating Temperature	-22°F (-30°C)		212°F (100°C)	°F(°C)
Storage Temperature	-40°F (-40°C)		257°F (125°C)	°F(°C)
Output Signal				
Warm Up	2.2	2.5	2.5	VDC
FRE Mode	4.0	4.3	4.6	VDC
REC Mode	0.6	0.9	1.2	VDC
Operating Humidity			95	%RH



### **Block Diagram**



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#### www.amphenol-sensors.com

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