



T H E R M O M E T R I C S
A C O M M I T M E N T T O E X C E L L E N C E

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

Amphenol
Advanced Sensors

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				
<i>Warm Up</i>	2.2	2.5	2.5	VDC
<i>FRE Mode</i>	4.0	4.3	4.6	VDC
<i>REC Mode</i>	0.6	0.9	1.2	VDC
Operating Humidity			95	%RH



Block Diagram

