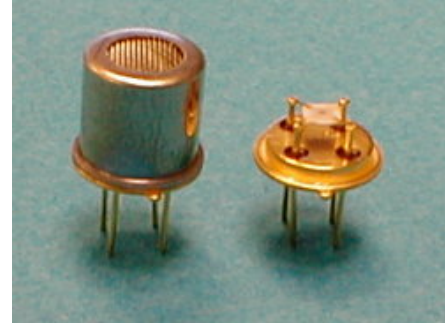


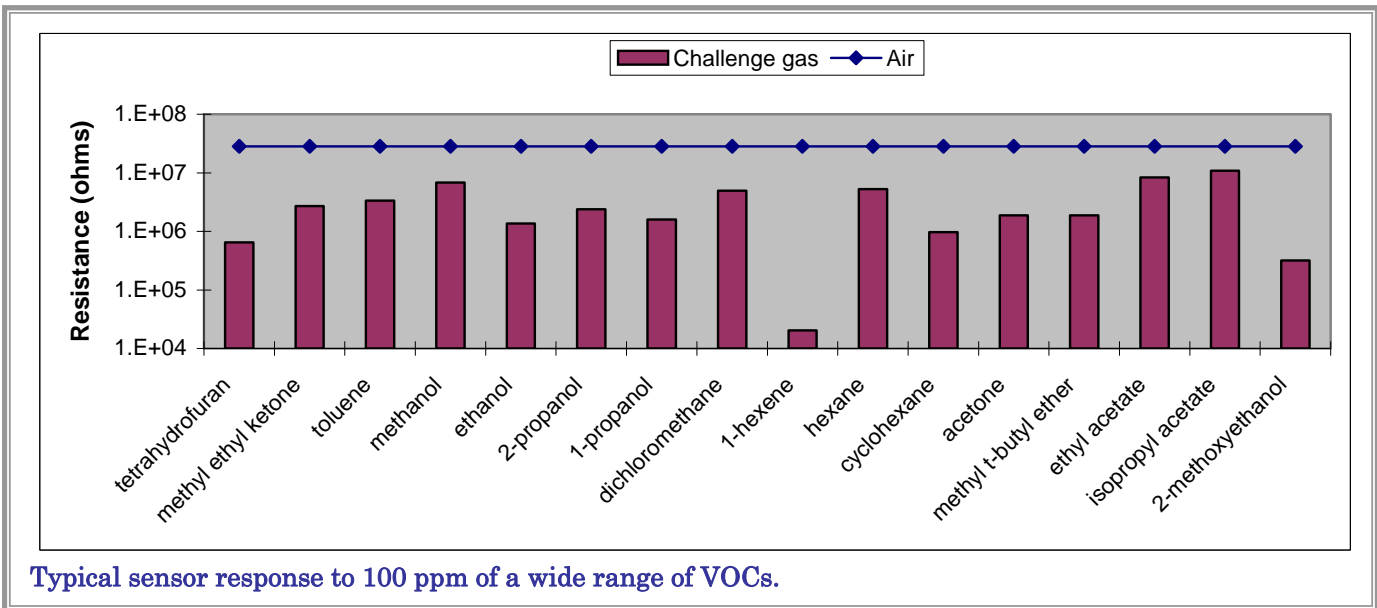
SENSOR FEATURES:

- High sensitivity to a wide range of VOCs.
- Non-specific: responds to many different organic vapors.
- Typical response time <1 minute to 90% full scale.
- Environmental temperature range of -20 to 50°C.
- Environmental humidity range of 0 to 90% RH, non-condensing.



Sensor Response Characteristics

The figure below shows typical response and selectivity data for sensors operated under laboratory conditions. Humidity level is ~21% RH.



Electrical Characteristics

The electrical properties below are typical for VOC Sensors. If the actual values differ the customer will be notified with the shipment. Circuits are available that will be preset to the correct values.

Property	Symbol	Value	Remarks
Heater Power Consumption	P _H	~ 400 mW	At V _H = 3.5
Heater Voltage	V _H	3.5 VDC	T _{sensor} ~150°C
Heater Resistance	R _H	32 Ω ± 2 Ω	At room temperature
Sensing Voltage	V _C	5.0 VDC	Recommended