

AWX SENSOR TECH

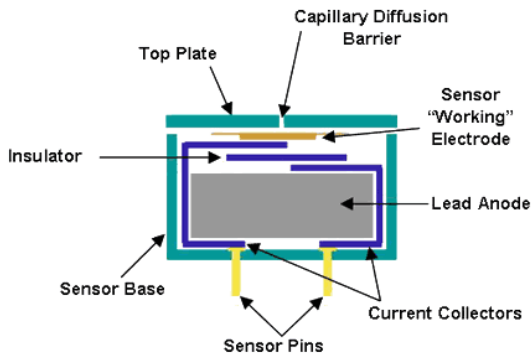
Gas Sensors for Safety Environmental and Commercial Applications



FEATURES

- Three sizes of sensors: Standard, Compact, and Mini
- Oxygen and toxic gases
- Dual sensor: Hydrogen Sulfide and Carbon monoxide (COSH) for the mini size
- OEM Private labeling available
- Ships from North America

ABOUT OUR PRODUCT

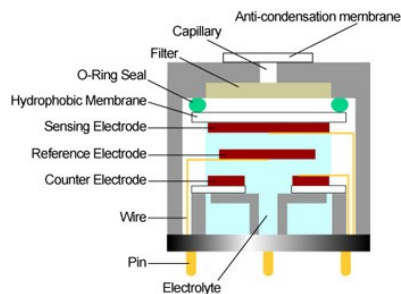


OXYGEN

The oxygen sensor works by reacting to the concentration of oxygen diffused through a permeable membrane and reacting to chemicals to produce a linear output proportional to the concentration.

TOXIC

The toxic sensor also works by reacting to the concentration diffused through a permeable membrane and reacting to chemicals to produce a linear output proportional to the concentration. In addition, the toxic sensor incorporates a third reference electrode. The reference electrode maintains the potential so the output remains fixed in respect to the sensing electrode. This maintains a stable baseline with no effects to atmospheric pressure.





MINI GAS SENSORS

Suitable for most applications where size is limited. Only 20 mm in diameter it is ideal for portable or limited size packaging for automotive, commercial and residential applications. Available in toxic, oxygen, and dual Hydrogen Sulfide/ Carbon Monoxide (COSH).



COMPACT GAS SENSORS

Suitable for most applications where size is not a concern. With a larger body giving longer life and exceptional performance. Ideal for commercial and industrial applications. Available in toxic and oxygen formats.



STANDARD GAS SENSORS

Suitable for most applications where size is not a concern but comes with mounting holes. With a larger body giving longer life and exceptional performance. Ideal for commercial and industrial applications. Available in toxic formats only.

APPLICATIONS

Sensors can be used in many applications. Gas sensors are used across most industries. These include environmental, industrial safety, and commercial carbon monoxide / nitrogen dioxide detection.

SUPPORT

AWX is committed to support for all applications. With over 30 years in the gas sensing business we are knowledgeable in many applications. We also provide electronic design and geometry assistance.

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