





SGX Sensortech Electrochemical Gas Sensors

Description







SGX Sensortech Electrochemical Gas Sensors

SGX Sensortech offers a wide range of electrochemical gas sensors. Electrochemical sensors work on a different princifrom the Pellistor and IR devices. With electrochemical sensors the target gas undergoes a chemical reaction, producing current that is directly proportional to the concentration of gas present. The sensors use very little power and show good responses to various gas concentrations over a wide range of ambient conditions. SGX offers two families of electrocher sensors, the EC4 and the SGX series.

EC4 Series

A range of 20 mm electrochemical sensors is available for several toxic gases including carbon monoxide, hydrogen sulfide and oxides of nitrogen and sulfur. These sensors are †drop-in' replacements for existing sensor types in this size. The range of toxic sensors is complemented by the EC410 RoHS compliant, oxygen sensor. This unique sensor contains no lead, has a greatly increased life span and is of significantly lower mass compared to other oxygen sensors of this size. The sensor contains no consumable components.



SGX Series

SGX Sensortech is pleased to announce the launch of eight new sensors to complement their range of industrial and commercial gas sensing products. The new products allow instrument manufacturers a greater choice when selecting sensors for carbon monoxide, hydrogen fluoride, hydrogen sulfide and oxygen and are available in two industry standard packages; 20mm and 32mm diameter. In addition, SGX is proud to include an innovative combined carbon monoxide and hydrogen sulfide sensor in the same package which provides industry compliant performance in a single miniature housing, saving valuable space in portable instrument designs.



Request a Quote

CDI works continuously with our vendor partners to connect our customers to products and solutions that accelerate thei time to market. CDI will leverage its product knowledge, technical expertise, and evaluation tools to find the right solution your design.

For more information, or to learn how we can help drive your success, please visit www.cdiweb.com or email us at sales@cdiweb.com.

About SGX Sensortech

For more than 50 years, **SGX Sensortech**, has remained at the forefront of air quality sensors and modules. Our innova products have helped protected the occupants of cars from deteriorating air quality whilst driving through polluted cities, reduced the cost of air conditioning in buildings and made the work environment a safer place from flammable and toxic hazards. SGX Sensortech delivers high quality products, underpinned by excellent application support and customer ser Please note that all parts are shipped from the United States.

About Component Distributors, Inc. (CDI)

Component Distributors, Inc. (CDI) is a value-added distributor of high-performance LED, Power, RF & Microwave, Wireless and Sensor component technologies. CDI distributes globally and provides local application support and custor service across the Americas. CDI delivers cutting edge power electronics by wrapping application support, development tools and design services around high-performance products from industry leading manufacturers.

Component Distributors, Inc. (CDI)

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Category

- 1. Ewave
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