SGX Sensortech Electrochemical Gas Sensors

Description

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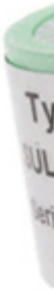
SGX Sensortech offers a wide range of electrochemical gas sensors. Electrochemical sensors work on a different principlefrom the Pellistor and IR devices. With electrochemical sensors the target gas undergoes a chemical reaction, producing acurrent that is directly proportional to the concentration of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

EC4 Series

A range of 20 mm electrochemical sensors is available for several toxicgases including carbon monoxide, hydrogen sulfide and oxides ofnitrogen and sulfur. These sensors are ‘drop-in’ replacements forexisting sensor types in this size. The range of toxic sensors iscomplemented by the EC410 RoHS compliant, oxygen sensor. Thisunique sensor contains no lead, has a greatly increased life span and isof significantly lower mass compared to other oxygen sensors of thissize. The sensor contains no consumable components.



SGX Series

SGX Sensortech is pleased to announce the launch of eight newsensors to complement their range of industrial and commercial gassensing products. The new products allow instrument manufacturers agreater choice when selecting sensors for carbon monoxide, hydrogenfluoride, hydrogen sulfide and oxygen and are available in two industrystandard packages; 20mm and 32mm diameter. In addition, SGX isproud to include an innovative combined carbon monoxide andhydrogen sulfide sensor in the same package which provides industrycompliant performance in a single miniature housing, saving valuablespace in portable instrument designs.

Request a Quote

CDI works continuously with our vendor partners to connect our customers to products and solutions that accelerate their time to market. CDI will leverage its product knowledge, technical expertise, and evaluation tools to find the right solution for 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 innovative 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 gas hazards. SGX Sensortech delivers high quality products, underpinned by excellent application support and customer service. 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 customer 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.

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1. Ewave
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