PRESS RELEASE

smart GasDetection Technologies

Versatile Gas Detection System D-ReX debuts at SEMICON EUROPA

GfG presents new standalone solution for monitoring gases in the semiconductor industry

Dortmund/Munich, November 15, 2022 - GfG showcases its newest development in gas detection technology. The D-ReX unites modern technical equipment, such as Power over Ethernet and Bluetooth capability, and the ability to monitor toxic, corrosive and combustible gases in three different ways: using diffusion, via a remote sensor, or using the integrated pump for extraction. The smart sensors it uses can be replaced quickly and without any additional tools, making the maintenance of the device easy and cost-effective. Other advantages, such as the 2.4" color display showing clear, easy to read information or the contactless control of the device via app, complete the D-ReX's concept.

The D-ReX was designed specifically for the requirements of the semiconductor industry, but can also be used in other areas that need to be monitored for toxic, corrosive or combustible gases as well as their oxygen concentration. The D-ReX PoU monitors the ambient air around the Point of Use. Areas that are hard or impossible to reach (such as piping systems) can be analyzed with the D-ReX PoI, which comes with a remote sensor for detecting gases up to 30 meters away, at its Point of Installation. The D-ReX PoS extracts gas compounds at the Point of Sampling in other rooms or closed systems and analyzes them in a safe environment.

The D-ReX is intended for DIN rail mounting (T35). The current measured gas concentration, threshold values, the system's status and all important information are indicated on the high-resolution color display in clear plain text. The device is controlled by using either the five buttons on the device itself or the GfG app. All three types come with Bluetooth, PoE-LAN, digital RS-485 Modbus, analog 4-20mA supply and LonWorks (optional) to cover connectivity options for all common situations. There are five internal relays and / or the optional GMA200-RT/D external relay module to control safety measures.
The sensors run on electrochemical, catalytic or infrared measuring principles, depending on the type of gas to be monitored. Replacing the sensor cartridge does not require any additional tools, making it very easy to service. At launch, sensors for approximately 40 gases will be available for the D-ReX. For further gases, such as nitrogen trifluoride (NF3) which require the use of a pyrolyzer in combination with the D-ReX PoS, the Py-ReX module is currently under development.

Article: 2.569 characters (incl. spares)

About GfG

For more than 60 years, GfG has been committed to protecting life, property and the environment by designing and manufacturing the safest and most reliable gas detectors. With an extensive range of portable monitors and fixed systems, GfG offers multiple solutions for the detection of toxic and explosive gases, as well as oxygen. Learn more about GfG at GfGsafety.com.

Press contact
Thomas Mironiuk
Head of Marketing
Telefon: +49 231 56400-27
Mobil: +49 151 19562917
E-Mail: thomas.mironiuk@gfg-mbh.com

GfG Gesellschaft für Gerätebau mbH
Klönnestraße 99
44143 Dortmund | Deutschland
Phone: +49 231 56400-0
Fax: +49 231 56400-895
E-mail: info@gfg-mbh.com | GfGsafety.com