

Press Release

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Quick response and low energy consumption:

Figaro's FECS sensor family facilitates long-term stability detection and measurements of highly corrosive poisonous gases

Düsseldorf, 21. April 2016 – A safe and long-term stable detection and measurement of highly corrosive gases such as CO, H₂S, NO, NO₂, Cl₂, Si₂ or NH₃ are now possible through the newly designed FECS (Figaro Electrochemical-type Sensors) series by FIGARO.

The seven members of this series presented for the first time at the SENSOR+TEST 2016 (hall 1, booth 559), excel not only because of their short response times but also due to their high selectivity and measuring accuracy, which lies – depending on sensor and sort of the gas to be detected – between 2 and 10 %. Due to their electrochemical design, cross-sensitivities hardly ever occur and the output characteristic is linear.

Among the outstanding characteristics of the FECS-series, with operating temperatures ranging from -30 up to 50 °C, are the extremely low energy requirements. The sensor element is completely independent from an external power supply, since it produces energy through an electrochemical process.

Due to their low consumption values and compact size, the gas sensors of the FECS series are an ideal solution for the operation in most of the different battery-operated handheld-gas analyzers as well as conventional gas detectors and industrial alarm devices. Detailed information and samples of the FECS series can be requested through info@unitronic.de.

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Unitronic GmbH

Unitronic GmbH, founded in 1969, is a member since 2002 of the Swedish holding Lagercrantz Group AB. The company has set itself a goal to support customers in German speaking regions with competent design-in and after sales support and actively help customers in the selection and implementation of the latest technologies available. Unitronic has franchise agreements with more than 30 leading manufacturers in the sectors of semiconductors, sensors, displays and modules for telematics, telemetry, navigation and connectivity. This broad range of products guarantees the best selection of suitable products for the respective customer's application. 23 employees in four sales offices throughout Germany provide customer proximity. Additional information can be found at: www.unitronic.de.

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