

Press Release

Detectors for the Measurement of Gases

Two-Channel Pyrodetector in a TO-18 Package

Keeping up with the trend toward miniaturization, InfraTec GmbH developed a two-channel detector in a TO-18 housing. The LLM-102 has detector elements that are 1.4 mm x 1.0 mm in size and operates in voltage mode.

This pyrodetector is optimized for operation in the frequency range between 1-5 Hz. The aperture has a diameter of 3.3 mm.

The first prototypes were assembled with the following filter types: 4.27 μm / 170 nm (CO_2) and 3.98 μm / 90 nm (reference). The plan is to provide filter combinations for the measurement of other gases, such as methane. Get in contact with the distribution partner LASER COMPONENTS to discuss further details.

More Information

<http://www.lasercomponents.com/de-en/news/two-channel-pyrodetector-in-a-to-18-housing/>

Trade Shows

Photonex 2012, October, 17-18 2012, Ricoh Arena, UK, **Booth D20**

Opto, October 23-25, 2012, Paris Expo, Porte de Versailles, France, **Hall 1**

Vision 2012, Nov, 06-08, 2012, Trade Fair Centre Stuttgart, Germany, **Booth 1F14**

electronica 2012, Nov, 13-17, 2012, Munich International Trade Fairs, Germany, **Booth A2.306**

The Company

LASER COMPONENTS is specialized in the development, manufacture, and sale of components and services for the laser and opto-electronics industries. With sales offices in four different countries, the company has served its customers since 1982. In-house production at six locations in Germany, Canada, and the USA began in 1986 and is meanwhile responsible for about half of its turnover. Currently, the family-run business employs more than 140 people worldwide.