

Feb., 7th

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Press Release

For IR Applications

Cooled PbSe Multicolor Sensors

CAL Sensors expanded the series of multiple channel detectors with filters. The thermoelectrically cooled version MBXT1S-18T-4 was added to the series. Compared to the uncooled version, the sensitivity and performance have been increased. Both versions are available from LASER COMPONENTS.

The detectors are primarily used in gas measurement technology. In the standard version of the PbSe multicolor detector, gas filters are integrated to filter for hydrocarbons (3.34 μm), CO_2 (4.26 μm), and CO (4.60 μm). The full width half maximum is 140 nm each. A reference filter at 3.85 μm with a full width half maximum of 200 nm is also integrated.

More Information

<http://www.lasercomponents.com/de-en/product/pbse-1-5-um/>

Trade Shows

Analytica 2012, April, 17-20, 2012, Munich International Trade Fairs, **Booth A2.400A**
Optatec 2012, May, 22-25, 2012, Frankfurt Exhibition Centre, **Booth E01**
Sensor + Test 2012, May, 22-24, 2012, Nürnberg Exhibition Centre, **Booth 12-426**

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 130 people worldwide.