

High Detectivity

PbSe Detectors Now Also Available with Four Channels

LASER COMPONENTS now also manufactures lead selenide detectors with four channels: the quad version is an attractive alternative for gas measurement.

Four selected PbSe chips are arranged in quadrants and equipped with their own filter; they are housed in a TO-8 or TO-39 can. The readout of all channels is carried out simultaneously. For an improved signal in the long-wave range, cooled versions are also available.

When applying PbSe detectors, it was previously necessary to use either several single detectors or filter wheels to detect different wavelengths. The new solution saves you space in your system, time when measuring, and costs in procurement.

Compared to pyroelectric detectors PbSe detectors are the better choice where a higher D^* value or a higher speed is desired.

More Information

www.lasercomponents.com/de-en/product/pbse-1-5-um/

Trade Shows

SPIE Security + Defence 2016, September 27-28, 2016 Edinburgh, UK, **Booth 405**

Photonex Coventry 2016, October 1-13, 2016, Ricoh Arena UK, **Booth D15**

VISION 2016, November 08-10, 2016, Messe Stuttgart, **Booth 1C33**

Electronica 2016, November 08-11, 2016, Messe München, **Booth B1.306**

SHOT Show, January 16, 2017, Las Vegas, NV, USA

SPIE Photonics West, January 13 - February 02, 2017, San Francisco, CA, USA, **Booth 2023**

Automate, April 3-6, 2017, Chicago, IL, USA, **Booth 2661**

SPIE Defense + Commercial Sensing, April 11-13, 2017, Anaheim, CA, USA

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 200 employees worldwide.