

Oct. 11,  
2011



## Press Release

### FLEXPOINT® MV series Special Design and Standard Products

#### The New Machine Vision Lasers from LASER COMPONENTS

With the new FLEXPOINT® MVmicro and FLEXPOINT® MVpico series, LASER COMPONENTS has set the standard for line lasers in image processing.

The MVmicro lasers were developed for stand-alone applications. They have a diameter of 19 mm and a length of 65 mm. The MVpico lasers are optimal for integration in smart cameras. These small components are characterized by a diameter of 10 mm and a length of 50 mm. Both types of lasers are available at different wavelengths and an output power from a few milliwatts up to 100 mW.

The classification of these lasers in the correct laser class is an important aspect for every user. It is the goal of every image processing developer to obtain the maximum amount of output power while complying with laser class 2 or 2M regulations.

You can rely on our experience!

Due to a special measurement process, the MVmicro and MVpico lasers are classified in a lower laser class. That is to say, they are available with more power and still meet laser class 2 or 2M specifications. For example, a laser with a 20° fan angle can be classified in laser class 2M if it has an output power of up to 20 mW. Each laser must be inspected individually.

#### More Information

<http://www.lasercomponents.com/de-en/lasers/laser-modules/machine-vision-lasers/>

#### Trade Shows

**PHOTONEX 2011**, October 18-19, 2011, Ricoh Arena, Coventry, UK, **Booth C20**  
**Vision 2011**, November 08-10, 2011, New Trade Fair Center Stuttgart, D, **Booth 4D13**  
**BiOS 2012**, January 21-22, 2012, The Moscone Center, San Francisco, **South Hall – Booth 8517**  
**Photonics West 2012**, Jan. 24-26, 2012, Moscone Center, San Francisco **South Hall – Booth 517**  
**Analytica 2012**, April, 17-20, 2012, Munich International Trade Fairs, **Booth A2.400A**

#### 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.

1 Germany & Other Countries  
Laser Components GmbH  
Tel: +49 8142 2864 – 0  
Fax: +49 8142 2864 – 11  
info@lasercomponents.com  
[www.lasercomponents.com](http://www.lasercomponents.com)

USA  
Laser Components USA, Inc.  
Tel: +1 603 821 – 7040  
Fax: +1 603 821 – 7041  
info@laser-components.com  
[www.laser-components.com](http://www.laser-components.com)

United Kingdom  
Laser Components (UK) Ltd.  
Tel: +44 1245 491 499  
Fax: +44 1245 491 801  
info@lasercomponents.co.uk  
[www.lasercomponents.co.uk](http://www.lasercomponents.co.uk)

France  
Laser Components S.A.S.  
Tel: +33 1 39 59 52 25  
Fax: +33 1 39 59 53 50  
info@lasercomponents.fr  
[www.lasercomponents.fr](http://www.lasercomponents.fr)