

## Press Release

### MVmicroline – The new FLEXPOINT® Series

#### Machine Vision Laser with Line Width of 5 µm

LASER COMPONENTS is expanding its market leadership with the new FLEXPOINT® MVmicroline laser series in the area of laser-based Machine Vision illumination.

The line lasers developed and manufactured in Germany produce, depending on the working distance, line widths down to 5 µm. Thus, these FLEXPOINT® modules are particularly well suited for the 3D measurement of very small objects.

They are available with different wavelengths, including 405 nm, 445 nm, and various wavelengths in the red range. The output power depends on the wavelength and ranges from 1 mW up to 150 mW. Typical fan angles are 5° and 10°.

To produce the best line quality and thinnest line width possible, the lasers are set to the desired working distance at the production facility. To trigger the laser with the camera, digital modulation may also be integrated.

Additional options include setting the power using a control wire. The lasers are 80 mm long; the diameter is 19 mm. They are operated at 4.5-30 VDC.

#### More Information

<http://www.lasercomponents.com/de-en/product/flexpoint-mv-microline/>

#### 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.