

PRESS RELEASE

***IMM Photonics brings polarization-maintaining VCSEL laser diode on the market***

IMM Photonics in Munich has now extended its diverse portfolio of laser diodes to include an efficient, low-cost and European-made niche product. The single mode VCSEL 850 nm laser diode is contained in a compact TO46 housing. It can be used as a laser light source for optical sensors in industry and life science, as a barcode reader in supermarkets, in range and velocity measurements or for optical target marking (pointer).

“While traditional vendors have already withdrawn from the market for TO-housed VCSEL laser diodes under this specification, we see very good market opportunities with our innovative product.”

Christian Raith, Managing director at IMM Photonics

What makes this product, manufactured on behalf of IMM Photonics, so special is the polarization-maintaining characteristic of the laser diode. This essential feature is normally not present with conventional VCSEL laser diodes. In addition, in contrast to conventional laser diodes with an angular cross-section, the single mode VCSEL 850 nm has a round beam cross-section – a property that is indispensable in many of the above-mentioned areas of application. IMM Photonics is already planning to further expand its range of special VCSEL laser diodes in response to feedback from the market.

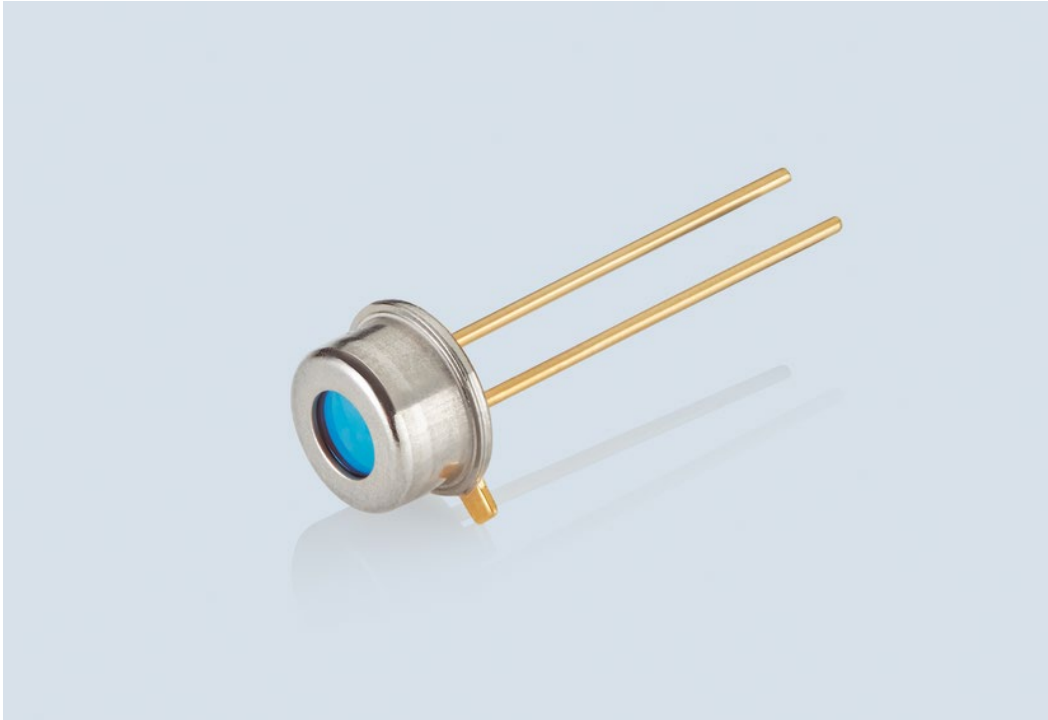
www.imm-photonics.de/en/

About IMM Photonics

IMM Photonics develops and produces complete systems and assemblies for international customers from the medical technology, biophotonics, measurement technology and analytics industries. Customer-specific solutions for OEM customers are also manufactured. IMM Photonics is represented at the two locations Munich / Unterschleissheim and at the Technology Campus Teisnach of the University of Applied Sciences Deggendorf. Sales takes place directly and via distributors worldwide.

PICTURE DETAILS

Picture:



Name image file: Bild PM VCSEL 850nm IMM Photonics.jpg

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