



Product information Photonics West 2010 Preview

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Date: 19. November 2009

Optical components for CV sensor systems

Jenoptik's Optoelectronics Systems Business Unit will present polymer optical components manufactured for the innovative Closing Velocity (CV) sensor system known as "City Safety". The transmitter and receiver unit of the system calculates the distance to objects and its approach speed from signals in the range of up to 10 meters. The necessary transmitter and receiver lenses are manufactured on production lines with high quality. Their complex process and production design aimed at shaping the light of the laser diode, also especially in regard to eye safety.

In addition, the Business Unit shows optoelectronic and optomechanical components and systems used in the areas of automotive & mobility, lighting & energy, health care & life science and sensors technology. For their production, Jenoptik provides all necessary steps of the value chain starting with optics and product design. The fabrication in various replication technologies is based on expertises in tooling, surface technology as well as assembly and packaging technology and system integration.



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