

Vision spectra

PRODUCT SPOTLIGHT



TCEL series

New telecentric optics with liquid lenses technology

OPTO ENGINEERING

INTRODUCTION
Anyone familiar with telecentric optics knows very well that the depth of field can be a problem when using high-magnification lenses. Most of the time you either end up using oversized optics or having to move the object or the lens to compensate.

With nearly two decades of experience in the world of machine vision, at Opto Engineering® we are perfectly aware of this. For this reason, we have designed the TCEL series, a brand-new series of telecentric optics with integrated liquid lenses that combine the best of both technologies.



Key advantages

- Extended depth of field**
Thanks to the integration of liquid lenses it is possible to significantly extend the DOF of telecentric optics.
- Excellent optical performance**
The optical design of the lenses allows to obtain very low distortion and superior optical performance.
- Precise and quick autofocus**
Electronically driven liquid lenses allow for extremely fast and precise changes of focus.
- Detailed test report with measured optical parameters.**

Application example



www.opto-e.com

New Telecentric Optics with Liquid Lenses Technology

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Download the data sheet for more information.

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