# Press release

# Double the focus

The Sensor People from Leuze are adding another functionality to their Simple Vision portfolio with the DCR 1048i OCV. The innovative sensor detects 1D or 2D codes and checks the imprint quality at the same time.

*Owen, October 2024 –* Vision sensors are the ‘eyes of industrial automation’. That is because the devices enable machines to see and interpret their surroundings. Anyone looking for a particularly powerful sensor for print quality verification can now find what they need in the DCR 1048i OCV from Leuze: It can read 1D/2D codes within one application and also check quality using the OCV process. This makes it possible to reliably determine whether the best-before date, batch or other printed information is present, complete and legible.

**Optimal visual verification**

OCV stands for “Optical Character Verification”. Users can teach in the vision sensor for OCV print quality verification easily, quickly and without complex parameters. All you need to do is present it with a reference image of the optimum print. The DCR 1048i OCV then reliably detects defective printing – for example, clogged print heads, low ink cartridges, or adhesion problems. Once the threshold value is set, products recognized as defective can be rejected. The DCR 1048i OCV offers system operators an efficient and flexible solution for their production process.

**Simple Vision: Simple setup, efficient detection**

Performance, flexibility and usability are what count when it comes to image processing sensor technology for industrial automation. Simple Vision sensors meet these requirements. They are as easy to operate as optical sensors, plus they are as powerful as camera systems. The Sensor People from Leuze offer this concept as a quick and straightforward introduction to vision technology.

Characters: approx. 2,100   
A file copy is requested.  
Interviews are available on request.

**Images**

Ein Bild, das Kreis, Zylinder, Text enthält.

Automatisch generierte Beschreibung

Image 1: The Sensor People from Leuze are expanding their Simple Vision portfolio with a powerful sensor for print quality verification:the DCR 1048i OCV.

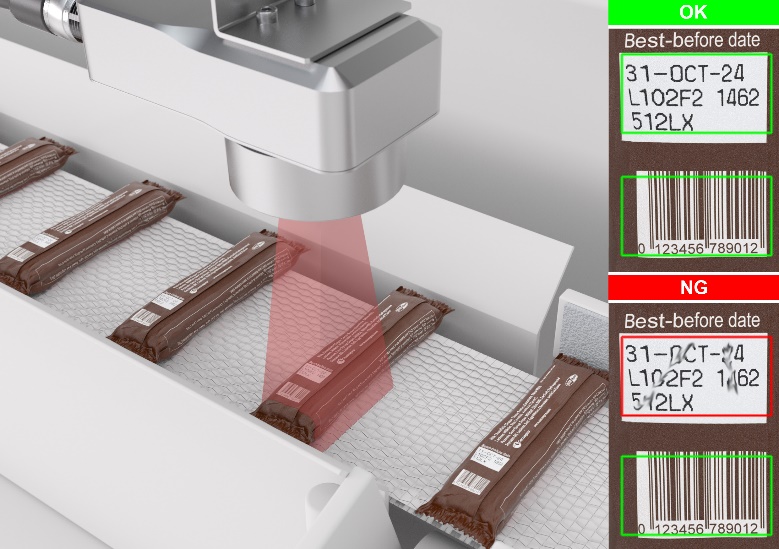


Image 2: The DCR 1048i OCV can identify a 1D/2D code and compare an imprint (such as a best-before date) with a taught-in reference image at the same time. This involves assessing whether or not the print has the required quality. The threshold value for this is easy to set.

*More than 60 years of experience have made Leuze a real expert in innovative and efficient sensor and safety solutions for automation technology. Today there are more than 1600 Sensor People around the world who are working with curiosity, passion and determination for progress and transformation. Their motivation is the continued success of their customers in an ever-changing industry. Leuze offers its customers a tailored competitive advantage through intuitive, reliable solutions for safe and non-safe position detection. For example, switching and measuring sensors, identification systems, solutions for data transmission and image processing. As a safety expert, the family business also focuses on components, services and solutions for occupational safety. Thanks to their broad and in-depth application expertise in the machine and system construction, the Sensor People are a competent and flexible partner for customers with a wide range of industrial requirements.* [*www.leuze.com*](http://www.leuze.com)

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