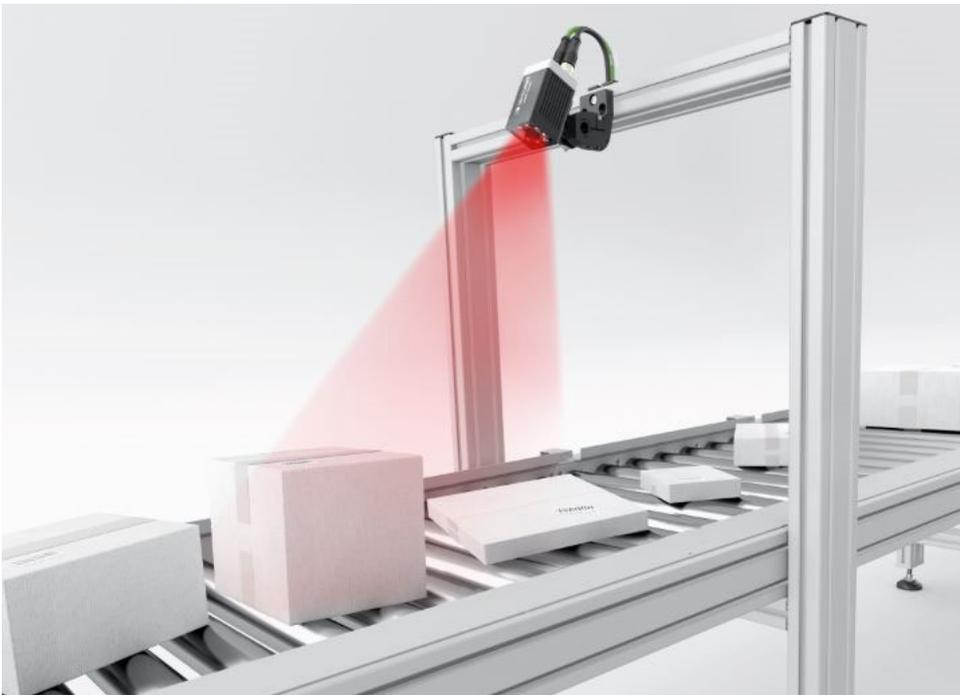# PRESS RELEASE

A press release by SensoPart Industriesensorik GmbH, Gottenheim near Freiburg/Breisgau, Germany

High-resolution vision sensor with integrated lens

Compact design, easy installation: SensoPart's 5-megapixel sensor VISOR® V50 is now available with integrated lens and lighting, making it unique on the market. An additional version with an increased depth of field allows the flexible detection of objects at fluctuating distances.

Thanks to a high resolution of 2560 x 1936 pixels, the versatile vision sensor detects the smallest details, even from longer ranges. Last spring, SensoPart presented a variety of C-mounts for its new VISOR® V50 sensor series, now it is launching the version VISOR® V50 M with an integrated lens. The M stands for ''medium field of view'', with a focal width of 20 mm. The focal position of the lens can be easily and comfortably adapted to different distances with the aid of a software-controlled motorised focus.

For applications in which detection ranges are not known in advance or frequently change, SensoPart also offers a version with an increased depth of field (VISOR® V50 MD). A typical example of such an application is reading codes on different sized parcels on a conveyor belt. Instead of aligning several sensors at various intervals or with different lenses, a single VISOR®

PRESS RELEASE

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V50 MD easily detects a much broader range of focal positions than comparable products with a conventional lens.

Unique performance and versatility

The combination of high resolution, integrated lens and motorised focus is unique in this performance class. SensoPart thereby once again expands the range of applications of its versatile user-friendly VISOR® vision sensors. As with the existing VISOR® V10 and V20 lines, VISOR® V50 M is also available with a choice of monochrome or color chip, and exists in several application-specific pre-configured variants: VISOR® V50 M Object, VISOR® V50 M Robotic, VISOR® V50 M Code Reader and VISOR® V50 M Allround. VISOR® V50 MD comes in the monochrome versions Object and Code Reader.

In addition to the lens, lighting is also integrated in the sensor, in the form of eight high-performance LEDs (either white or red). Users of VISOR® V50 M/MD therefore do not require any additional lenses or external lighting; this simplifies installation and system setup. Flexible connection to parent control systems is possible thanks to state-of-the-art interface protocols, such as sFTP, SSH, EtherNet/IP and Profinet Conformance Class B. Equipped with an IP 67 all-metal housing and a wide operating temperature range of 0 to 50°C, VISOR® V50 M/MD is extremely robust and suitable for industrial applications.

About SensoPart Industriesensorik GmbH

SensoPart develops, produces and sells a wide range of innovative sensors for factory automation. The main focus is on optoelectronic sensors and camera-based vision sensors, which are used in industrial applications - e.g. for object or color detection, distance measurement, code reading or in robotics. The company's products are developed and manufactured in Germany, at the plants in Gottenheim, near Freiburg-im-Breisgau, and Wieden in the southern part of the Black Forest. With four subsidiaries and a network of 40 international sales partners, SensoPart is present worldwide.

Founded in 1994, the family-run company is synonymous with flexibility and stands for innovative and high-performance products. SensoPart has received numerous distinctions for its work, for example 1st place in the Automation Award and is multi-time winner of the German Sensor Application Prize.

For further information about SensoPart, visit http://www.sensopart.com.