# Press release March 22, 2024

HERMES AWARD

**SCHUNK is among the top 3 nominees**

**With the innovative 2D Grasping-Kit, SCHUNK has secured one of the top 3 places for the nomination of the HERMES AWARD 2024. The AI-supported application kit provides a quick introduction to the autonomous handling of non-position-oriented objects. No prior knowledge of programming or image processing is required.**

How can flexible, efficient, and future-proof production be established in view of the shortage of skilled workers and the conservation of resources? With automation! SCHUNK has developed the 2D Grasping Kit for a quick introduction to the autonomous handling of non-position-oriented objects. It enables reliable handling of different, randomly arranged parts from a conveyor belt, tray, or supply table – even with changing light, color, or background conditions. The application kit consists of a camera with lens, an industrial PC, an AI software as well as an application-specific gripper. All components are perfectly coordinated and can be combined with any robot and any higher-level control system. At the heart of the development is an AI software developed by SCHUNK in combination with an intuitive user interface. This means that users do not need any prior knowledge of programming or image processing. Once set up, the AI-supported software guides companies step by step through the teaching process of gripping planning. Once the objects have been photographed and named, the AI trains itself – completely offline. With the 2D Grasping Kit, recurring sorting or logistics tasks can be automated reliably and with little effort.

**Outstanding ideas for the future are welcome**

The annual HERMES AWARD is the international technology prize of the Hannover Messe. It recognizes outstanding products and innovative solutions that demonstrate a high degree of technological innovation and provide benefits for industry, environment and society. Economic efficiency and the product’s readiness for implementation also play a decisive role in the assessment. An independent jury of experts with representatives from politics, business, research, and society, chaired by Prof. Dr.-Ing. Holger Hanselka, President of the Fraunhofer-Gesellschaft, selected three submissions in a preliminary decision process, including the 2D Grasping Kit from SCHUNK. The winner will be announced during the opening ceremony of the Hannover Messe on April 21, 2024.

**Pioneering solutions with compentence**

SCHUNK the automation expert develops and produces flexible automation solutions for customers in a wide range of industries. The convenient solutions support customers in increasing their efficiency and maintaining their competitiveness in a dynamic production environment with a wide variety of parts. With the 2D Grasping Kit SCHUNK offers a further complete solution, which facilitates the entry into the automated process decisively and beside the efficiency production design above all offers opportunities to save time and resources.

**schunk.com**

**Captions:**

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|  | The 2D Grasping Kit belongs to the top 3 nominees of the HERMES AWARDS 2024.  Image: SCHUNK |
| *Hermes\_Nominee\_SCHUNK\_1080x1080.png* | |
|  | The nominated 2D Grasping Kit is an intelligent solution for handling different non-position-oriented objects from a surface.  Image: SCHUNK |
| *EGK\_2D Grasping-Kit\_Anwendungsbild\_07\_2023 (1).jpg* | |

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