**item Innovations**

**Send clear signals: Directly display operating states with new LED strip**

**Brings light into the darkness: The new LED Strip RGB 24V from item enables high-quality signaling solutions and can be easily integrated into profile frames with slot 8. The basic colors can be controlled individually or together. This means that the operating status of systems is always directly visible.**

The [LED Strip RGB 24V](https://www.item24.com/en-de/led-strip-rgb-24v-1m-71545) is bright and energy-efficient. It can be controlled via a four-pole connection cable and can light up in different colors. Thus, operating states in production and logistics can be easily displayed. The LED strip is flexible, 3 mm high and available in lengths of 1,000 mm and 2,000 mm. It can be shortened in sections of 100 mm as required. The installation is uncomplicated and quickly realized: The LED strip is simply inserted into an [LED sheathing profile 8 14x5](https://www.item24.com/en-de/led-casing-profile-8-14x-5-natural-71815). The translucent hollow chamber profile can then be fixed in the groove and thus serves as a secure sheathing for the RGB strip, which also protects it from dirt and damage. The [cover cap](https://www.item24.com/en-de/led-casing-profile-8-14x-5-cap-grey-similar-to-ral-7042-71968), which is available especially for the LED sheathing profile, securely closes the end faces and also serves as a strain relief for the cable of the LED strip. This can be easily extended with [the sensor/actuator connection cable](https://www.item24.com/en-de/sensor-actuator-connection-cable-5m-m12-4p-female-connector-a-coded-black-71452). The 5 m long four-pole cable has a pre-mounted M12 connection socket. Due to the 24-volt technology, the LED strip can be optimally connected to the controller. This is made possible by the optional [M12 A-coded connection plugs](https://www.item24.com/en-de/connector-m12-4p-male-a-coded-black-71800), which are even attached to the open cable ends without tools.

As a result, the new LED strip in combination with the coordinated components can be used to implement luminous and highly visible signaling solutions based on classic aluminum profiles.

Further information is available via the ePaper: <https://media.item24.com/ePaper/de/item-Neuheiten-2023-I/>

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**Caption 1:** The new RGB 24V LED strip from item enables high-quality signaling solutions and can be easily integrated into profile frames with slot 8.

**Caption 2:** The long-lasting, high-luminosity RGB strip can be used to indicate operating states in production and logistics and is optimally protected by the translucent hollow chamber profile.**Über item**

**About item**

item Industrietechnik GmbH is the pioneer in building kit systems for industrial applications and a partner of the manufacturing industry across the entire globe. Today, the item product portfolio comprises more than 4,500 high-quality components designed for use in machine bases, work benches, automation solutions and lean production applications. The company has received a string of awards for products with ground-breaking industrial design and end-to-end ergonomics.

item is spearheading digital engineering by driving forward the digitalisation of processes with software tools developed in-house. The item Academy offers training at various levels, with on-demand training and online courses available in multiple languages.

Headquartered in Solingen, Germany, item has subsidiaries in various countries. Some 900 employees worldwide harness their know-how and passion to develop innovative solutions and services. Twelve sites make sure the company is always close to customers in Germany, with a global logistics chain ensuring swift delivery times for all components.

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Die item Industrietechnik GmbH ist der Pionier bei Systembaukästen für industrielle Anwendungen und ein Partner der Fertigungsindustrie in der ganzen Welt. Das Produktportfolio umfasst mehr als 4.500 hochwertige Komponenten zur Konstruktion von Maschinengestellen, Arbeitsplätzen, Automationslösungen und Lean Production Anwendungen. item ist vielfach ausgezeichnet für Produkte mit richtungsweisendem Industriedesign und durchgängiger Ergonomie.

Als Vorreiter im Digital Engineering treibt item die Digitalisierung von Konstruktionsprozessen mit eigenentwickelten Softwaretools voran. Die item Academy bietet Aus- und Weiterbildung durch mehrsprachige Online-Kurse und Training-on-demand.

item hat ihren Hauptsitz in Solingen und ist mit Tochterfirmen international vertreten. Mit Know-how und Leidenschaft entwickeln rund 900 Mitarbeiter weltweit innovative Lösungen und Dienstleistungen. Die Kundennähe in Deutschland wird durch zwölf Standorte gewährleistet. Eine globale Logistikkette stellt die kurzfristige Lieferung aller Komponenten sicher.

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