**Signaling solutions for logistics and production**

**item expands its portfolio with LED strips and signal lights**

**Different colors - different operating states: processes can now be easily visualized with the parameterizable LED strips and signal lights from item. There is a choice of different systems that can be individually configured.**

It flashes, it flashes, it lights up - in production and logistics, it is extremely advantageous if operating statuses can be recognized from afar. This is now possible with the new signaling solutions from item. Users can choose from an extensive range. Multi-segment RGB LED strips are available, whose LEDs can be controlled individually. The strips can therefore light up in several colors as well as in a single, freely selectable color. The length of the LED strips can be individually configured and thus perfectly adapted to the existing requirements. The illuminated strip is available in lengths of 1 meter, 2 meters, 3 meters and 6 meters and can be shortened as required in sections of 17 millimetres. The LED strip can be installed in just a few minutes: It can simply be attached along the groove using LED sheathing profile 8. The system can be easily integrated into the production control system using the IO-Link Controller specially developed by item. Individual parameterization is possible via the standardized IO-Link communication technology. There is a choice of four operating modes: segment display, countdown, fill level and marking light. The IO-Link controller can also be easily and securely fixed in the slot. Possible areas of application include machine cabins, workstations or picking stations. The colored display immediately shows which process status has just been reached.

**Extensive portfolio for versatile use**

In addition to the light strip, item also offers ready-to-install multi-segment RGB lights in three lengths that can be adjusted in color and brightness via IO-Link. A diffuser cover specially designed for the luminaire creates a uniform light pattern. The new 3-segment RGB signal lights are perfect as classic machine traffic lights, as all three segments can be controlled individually. Colors and light functions such as flashing or blinking can be set individually. The 3-segment RGB signal light is also optionally available with a buzzer. The new 1-segment RGB signal light is ideal for use as a status light in production and logistics. It is extremely robust, has an encapsulated housing and meets all the requirements of protection class IP67. Colors and flashing patterns can also be defined for this light via IO-Link. All in all, item's new signalling solutions are the perfect addition to the item Building Kit System for visualizing process steps in production and intralogistics or machine statuses.

Further information is available via the ePaper: item Innovations - item (item24.com)

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**Caption 1:** The new Suspended Conveyor System from item can be used to transport parts and components in an efficient, space-saving manner.

**Caption 2:** To get everything moving, ESD-safe Carriages are suspended from item Conveyor Rail Profiles and then move by gravity alone.

**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 4500 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. Eleven 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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