# Press Release

# Clearly visible light signals

Leuze introduces new tower lights in robust aluminum housing onto the market: The TL 305 series impresses with bright and homogeneous illumination as well as an optional IO-Link interface.

*Owen, June 16, 2023 –* Tower lights are indispensable in machine and system construction as well as in intralogistics: They make states, faults and ongoing processes clearly visible from a distance. The new Leuze tower lights of the TL 305 series can do all of this extremely reliably. They light up brightly, uniformly and fully. This enables optimum signaling – whether at the machine, on the conveyor belt or for access control. The compact towers are available preconfigured with three, four or five segments. The new range of tower lights includes the TL 305 models with predefined color assignment as well as the TL 305-IOL models with IO-Link interface. The IO-Link variants allow different operating modes and provide an extensive selection of colors. On request, the tower lights are also available with additional acoustic signaler.

**Quick and easy implementation**

System operators benefit from the immediate usability of the tower lights. The M30 thread and M12 connector make them easy to install. Matching accessories simplify installation. All models of the series are characterized by a high-quality and robust design. The aluminum housing allows the tower lights to be used even in demanding industrial environments.

**Flexible configuration**

The IO-Link version TL 305-IOL with its different operating modes offers maximum flexibility. Segment mode enables the segments to be actuated individually via IO-Link. This allows color, intensity and lighting sequences to be configured individually. Level mode is used to visualize fill levels. If fast commissioning is required, users can actuate eight predetermined or user-defined configurations via the three external trigger inputs even without IO-Link connection.

Characters: approx. 2,011  
   
A file copy is requested.  
Interviews gladly arranged on request.

**Pictures**

Ein Bild, das Lampe, Glühbirne, Stilllebenfotografie, Zylinder enthält.

Automatisch generierte Beschreibung

Figure 1: The new Leuze tower lights of the TL 305 series light up brightly, uniformly and fully. They make states, faults and even ongoing processes clearly visible from a distance.

Ein Bild, das Screenshot, Design, Im Haus, Kunst enthält.

Automatisch generierte Beschreibung

Figure 2: The individually configurable TL 305-IOL tower lights can be parameterized extremely flexibly via the IO-Link interface. System operators can signal individual machine states by means of different brightnesses, lighting sequences, colors or types of signal sound.

Ein Bild, das Wand, Im Haus, Badezimmer, Badewanne enthält.

Automatisch generierte Beschreibung

Figure 3: The TL 305 tower lights used in combination with a proximity sensor are also suitable for safety-related monitoring tasks. For example, if a door is opened, a visual and/or acoustic warning is output.

*With curiosity and determination, the Sensor People from Leuze have been creating innovations and technological milestones in industrial automation for 60 years. They are driven by the success of their customers. Yesterday. Today. Tomorrow. The technology leader’s high-tech product range includes a number of different sensors for the field of automation technology. Among these are switching and measuring sensors, identification systems, and data transmission and image processing solutions. As a Safety Expert, Leuze is also focused on components, services and solutions for safety at work. Leuze concentrates on its core industries, in which the Sensor People have extensive, specific application know-how and many years of experience. These include intralogistics and the packaging industry, machine tools, the automotive industry as well as laboratory automation. Leuze was founded in 1963, headquartered in Owen/Teck in Southern Germany. Today there are about 1600 Sensor People around the world who are working with determination and passion for progress and transformation to make their customers successful in a constantly changing industry. Regardless of whether in the technological competence centers or in one of the 21 sales companies, supported by more than 40 international distributors.* [www.leuze.com](http://www.leuze.com)

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