

Press release

March 11, 2024

See better and be better seen

di-soric: a complete assortment of illuminative machine lighting and signal lights

Manufacturing and checking processes commonly rely on machine lighting with high light quality. As a status display and warning visible from afar, signal lights are a fixed component of productive machine and plant designs. In emergencies, during disruptions, or if an intervention of the machine operator becomes necessary, these must be clearly detectable.

di-soric offers industrial-grade machine and signal lighting for nearly every requirement, as well as single and multi-segment signal lights with increased all-round visibility with IP67 protection. With an integrated IO-Link interface, these are fast, simple and can be individually configured.

Machine lighting is available in a flat (MB-N) as well as a semicircular design (MB-R) with different lengths for use in many areas of the machine and plant structure. High-performance and durable LEDs guarantee illumination of machine spaces that is appropriate to the task and reliable. In narrow installation situations, the extremely flat MB-N model series comes into consideration. The especially robust MB-NP variant with safety glass withstands mechanical stresses and is insensitive to most chemical substances.

Wherever status displays are also necessary for illumination, the hybrid MB-RGBW "all-in-one" machine and signal lighting from di-soric can be used. This lighting illuminates the machine space, can simultaneously reproduce colors, and serve additionally as a signaler.

The extremely high-intensity signal lighting SBT-RGB (with IO-Link) and SBT-F from di soric with 360° visibility transmits various messages such as the fill level, process progress or plant state. In case of emergency or service, the machine operators themselves visibly signal the need for action very clearly, even across large distances. From the wired multi-segment lighting column (SBT-F) to the individually parameterizable IO-Link signal column (SB-RGB) and extremely flat signal lighting (SB0RGB) to the dome-shaped 1-segment light (SBP-RGB): With four series in a compact design and robust protection, di-soric offers the ideal signal light for any application.

IO-Link is integrated in nearly all series. In the RGB models, the versatile interface enables a freely selectable spectrum of signal display. For every segment, infinite colors, brightness, as well as flashing behavior can be set in a simple manner. Whoever wants to or is able to use IO-Link, does not therefore have to dispense with advantages that can be achieved with it: By way of the three digital trigger inputs, up to eight preconfigurations can be activated which had previously been conveniently created by way of IO-Link.

Via the link <https://www.di-soric.com/int-en/competence/areas/lighting-solutions> the user can find further information, application examples, and selectors.

Characters: 2,921

Image:



di-soric: Robust and highly illuminative machine lighting, signal lights or signal lighting for any case

More information: www.di-soric.com

Our family-run company group has been an established manufacturer in the area of industrial automation for almost 40 years now. We develop, manufacture and sell a broad spectrum of innovative sensors, high-performance image processing components, and high-quality LED machines and signal lighting,. Our wide range of products is rounded off with our versatility for customer-specific solutions.

Our products are primarily used in the areas of assembly & handling, robotic systems, packaging, machine tools and measurement & testing. And here we focus on the automotive, food & beverage, pharma & cosmetic and electronics industries.

**SOLUTIONS.
CLEVER.
PRACTICAL.**



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