

Press Message

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Safety light curtains PSENopt II from Pilz: world's first UL-certified Type 3 light curtain for USA and Canada - opening the market for Type 3!

Ostfildern, 12.08.2021 - **The Type 3 safety light curtains PSENopt II from Pilz are the world's first light curtain with approval from the global test organisation Underwriters Laboratories (UL), with its headquarters in Northbrook, USA. Certification confirms that the safety light curtains meet national safety standards in the USA and Canada. This is a benefit to machine builders, particularly if they export into these markets.**

[Type 3 PSENopt II safety light curtains](#) have successfully undergone the certification process of UL, a world-leading safety science company. UL certification supports companies and users as they launch their products and systems on to the North American market. Local customers benefit because commissioning can be carried out more quickly.

The only units for Type 3 applications since 2016

The Type 3 safety light curtains PSENopt II were launched back in 2016 as the world's first in this category and easily allow the implementation of Performance Level d (PL d) applications. Ultimately this saves costs as there is no need to oversize.

Unique worldwide, including against shock

The safety light curtain product range PSENOpt II ensures that it is safe to intervene in the production process. Depending on the requirement, PSENOpt II safety light curtains provide finger, hand and body protection in accordance with [EN/IEC 61496- 1/-2](#) "Safety of machinery - Electro-sensitive protective equipment". What's more, safety light curtains from Pilz are the only light curtains on the market equipped with a shock resistance of 50 g. As such, the extremely shock-resistant light curtains are ideal for rugged industrial environments. They provide productive safety, particularly in robot applications as well as on packaging machines and presses. So PSENOpt II units offer increased flexibility in terms of their point of use.

In conjunction with [control technology](#) from Pilz - for example the safe configurable [small controller PNOZmulti 2](#) - safety light curtains PSENOpt II represent a safe, economical and complete solution for all industries and application areas.

Further information on the subject is available [here](#)



Caption: Type 3 safety light curtains PSENOpt II from Pilz are the world's first UL-certified Type 3 safety light curtains. Machine builders exporting into the North American market benefit from this in particular. (Photo: © Pilz GmbH & Co.KG)

You can find texts and images for downloading at:

<https://www.pilz.com/en-INT/company/press/messages/articles/229179>

Pilz - The Spirit of Safety

Pilz is a global supplier of products, systems and services for automation technology. As a pioneer of safe automation, Pilz creates safety for human, machine and environment. Founded in 1948, today the family business with its head office in Ostfildern is represented worldwide with 2500 employees in 42 subsidiaries and branches.

The technology leader offers complete automation solutions for Safety and Industrial Security on the machine. These include sensor, control and drive technology - as well as systems for industrial communication, diagnostics and visualisation. An international range of services with consulting, engineering and training completes the portfolio. Pilz solutions are used in many industries beyond mechanical engineering, such as intralogistics, packaging, railway technology, or the robotics sector for example.

Pilz in social networks

In our social media channels we give you background information concerning the company and the people at Pilz, and we report on current developments in Automation Technology.



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