

Press Message

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Infinitely adjustable muting arms for safety light curtains PSENopt II from Pilz - Highly flexible muting for greater productivity!

Ostfildern, 01.01.1970 - **Pilz now offers new types of muting arms for the safety light curtains PSENopt II, meaning for the first time that the muting function is completely flexible. That's because the sensors of the muting arms can now be positioned completely freely and therefore individually via infinite adjustment - for L-, T- and X-muting. This maximum flexibility ensures uninterrupted production processes, as unnecessary downtimes are avoided. That guarantees high productivity in the packaging industry or also logistics, for example.**

Muting arms from Pilz are assembled directly on the [safety light curtains](#) PSENopt II or on the light curtain's post protector.

Infinite adjustment for different protected fields

Attachment is via T-nuts, which, as a new feature, can now be affixed horizontally along the entire groove of the safety light curtain or on the post protector. As a result, the respective height can now be selected individually, because infinite adjustment is possible. The positions of the muting sensors can be defined in accordance with the standard IEC 62046; numerous configurations can be created safely and with maximum flexibility. Users benefit because different protected fields can be configured for L-, T- and X-muting. That way, requirements can be implemented to suit the specific application. A complete set of accessories is available with muting sensors and reflectors, depending on the application. Adjustments can be made flexibly at any time - even retrospectively.

Good even for the most rugged applications

Safety light curtains in the PSENopt II product range offer finger, hand or body protection for applications up to PL e in accordance with EN ISO 13849 and are available in lengths of 150 mm to 1800 mm. Just like the safety light curtains, the muting arms are extremely insensitive to shock, collision and vibration thanks to their robust design. That makes them ideal for use in rugged industrial environments. They have a shock resistance of 10 g - i.e. they can withstand accelerations up to 10 g and therefore the shock stress complies with the standard EN 60068-2-27.

Solution package for efficient muting

Particularly when feeding material in and out or when handling materials during human-robot collaboration (HRC), the muting solution package, which comprises safety light curtains PSENopt II, the appropriate muting arms and the safe [small controller PNOZmulti 2](#) from Pilz, enables efficient production, with no unnecessary downtimes. The software tool for the [small controller PNOZmulti Configurator](#) contains relevant function blocks for [muting applications with the safety light curtains PSENopt II](#). Applications such as the monitoring of conveyor belts and palletisers, or controlling the outflow of packages, can be implemented in a way that is more application-specific and more productive.

Further information on safety light barriers for body protection can be found [here](#).



Caption:

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The Pilz Group

The Pilz Group is a global supplier of products, systems and services for automation technology. Based in Ostfildern, near Stuttgart, the family-run company employs around 2,500 people. With 42 subsidiaries and branches around the world, Pilz supplies safe solutions for people, machinery and the environment. The technology leader offers complete automation solutions comprising sensors as well as control and drive technology - including systems for industrial communication, diagnostics and visualisation. Consulting, engineering and training round off its international range of services. In addition to mechanical and plant engineering, solutions from Pilz are used in many sectors such as wind energy, railway technology and robotics.

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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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