

24.09.2026

Press Message

Pilz GmbH & Co. KG  
Felix-Wankel-Straße 2  
73760 Ostfildern  
Germany  
<https://www.pilz.com>

## **PSENradar live: detecting, counting and tracking movements in one system**

Ostfildern, 24.09.2026 - **The PSENradar range of radar sensors from Pilz now includes PSENradar live: this innovative radar sensor detects the presence of moving objects and people within a defined zone, counts them and tracks their movements. Rather than simply detecting individual events, planners are provided with information about actual movement patterns. PSENradar live offers greater transparency regarding the movements of objects and people, as well as traffic flows, thereby focusing equally on both safety and production efficiency.**

*Contents at a glance:*

- *PSENradar live, the first industrial radar sensor for presence detection, counting and tracking in one system, for high productivity in defined zones*
- *PSENradar live maps actual movement patterns, enabling greater transparency regarding the movements of objects, people and traffic flows*
- *PSENradar requires no additional infrastructure or equipment and can therefore be integrated more quickly*

The radar-based detection used in PSENradar live is non-contact and requires no additional components on the object being detected: there is no need for users to rely on tags, transponders or reflectors attached to people or vehicles. This significantly reduces the organisational effort and lowers investment and maintenance costs. No additional infrastructure or equipment needs to be installed with the Pilz radar sensor, so users require no training, making it more time-efficient.

**Integrated system for presence detection, counting and tracking**

PSENradar live combines three functions in one system: presence detection recognises whether there are people and objects present within the monitoring zone. For example, if a person is in a zone with poor visibility, PSENradar live indicates that the zone is not yet clear. The counting function counts every person and moving object within defined zones and detects whether an zone has been completely cleared. Using the tracking function, PSENradar live continuously assigns movements to people and objects and also analyses their directions of movement. As a result, it is possible to plan traffic flows more safely: tracking avoids collisions in intralogistics areas and optimises routes and material flows. With its three functions, therefore, PSENradar live enables high plant availability and productivity, while at the same time increasing safety.

- [Further information on the safety light curtains PSENopt II Advanced](#)



**Caption:** The innovative radar sensor PSENradar live from Pilz combines three functions in one system: it detects, counts and tracks movements. The benefits include high plant availability and productivity, combined with greater safety. (Photo: © Pilz GmbH & Co. KG)

You can find texts and images for downloading at:

<https://www.pilz.com/en-INT/company/press/messages/articles/249628>

### **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.



<https://www.facebook.com/pilzINT>



<https://www.youtube.com/user/PilzINT>



<https://www.linkedin.com/company/pilz>



<https://pilz-magazine.com/en/>

### **Contact for journalists**

Martin Kurth

Corporate and Technical Press

+49 711 3409 - 0

[publicrelations@pilz.com](mailto:publicrelations@pilz.com)

Sabine Karrer

Technical Press

+49 711 3409 - 7009

[s.skaletz-karrer@pilz.de](mailto:s.skaletz-karrer@pilz.de)