Product overview

Safe Entry Exit

New way of muting

SICK
Sensor Intelligence.

Technical data overview

Safety task	Access protection
Application	Automated material flow Packing machines Skillet conveyors
Safety level	PL e, SIL 3

Product description

The Safe Entry Exit safety system from SICK is the TÜV-certified alternative to traditional muting: It enables a safe material flow thanks to differentiation between man and material – without additional muting sensors. Only a signal from the process controller is needed. As soon as the transport goods have passed the protective device, it is immediately ready again to protect humans from hazards. Depending on requirements, any type 4 electro-sensitive protective device (ESPE) can be combined with the software for Siemens S7 controllers. The controller evaluates up to 15 material gates and provides the relevant diagnostic data.

At a glance

- Can be combined with any type 4 electro-sensitive protective device
- TÜV-certified alternative to classic muting up to SIL3 and PL e
- Safe differentiation between man and material without additional muting sensors
- Up to 15 material gates per Siemens S7 controller can be integrated

Your benefits

- A safety system that can be flexibly adapted to individual safety requirements and minimum distances
- Saves time when documenting and validating your plant
- Increased productivity of your plant and space savings as no additional muting sensors are required
- Easy to integrate via the ready-to-use software
- Cost-efficient solution for monitoring multiple material gates
- Diagnostic data offer process transparency and optimization for your Industry 4.0 applications

Fields of application

- Access protection with human-material differentiation

Ordering information

Other models and accessories ➜ www.sick.com/Safe_Entry_Exit

- **Variant:** Function block for Siemens S7

Items supplied	Note	System requirements	Type	Part no.
Software, operating instructions, connection diagram and SISTEMA file	With purchase, you accept the product description available under Downloads > Documentation in connection with the General Terms and Conditions for the Supply of Software Products (AVB Software SICK).	The system requires a Type 4 electro-sensitive protective device. The function block requires a Siemens SIMATIC S7-15xxF and the TIA-Portal V14 SP1 or higher.	SAPPD3E-05XS001	1613431

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is "Sensor Intelligence."

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com

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