Safe Entry Exit
New way of muting

SICK
Sensor Intelligence.

Safe Entry Exit

Technical data overview

Safety task	Access protection
Application	Automated material flow Packing machines Skillet conveyors
Description	Technical data, CAD models, operating instructions, software and much more can be found with the individual components.
Safety level	PL e, SIL 3

Product description

The Safe Entry Exit safety system from SICK is the TÜV-certified alternative to classic muting: It reliably differentiates between humans and materials without additional muting sensor technology. 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 the Flexi Soft safety controller from SICK or for Siemens S7 controllers. Thereby, the respective controller evaluates multiple material gates and provides the relevant diagnostic data for Industry 4.0 applications.

At a glance

- Can be combined with any type 4 electro-sensitive protective device
- TÜV-certified alternative to classic muting up to SILCL3 and PL e
- Human/material differentiation without additional muting sensor
- Available as software for Siemens S7 or Flexi Soft
- Several material passage movements can be evaluated using a single controller
- Multiple material gates can be evaluated by one controller

Your benefits

- A safety system that can be flexibly adapted to individual safety requirements and minimum distances
- Time and cost savings 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
- Diagnostic data offers process transparency and optimization for your Industry 4.0 applications

Fields of application

- Access protection with human-material differentiation

Safe Entry Exit

Ordering information

Variant	Items supplied	Note	System requirements	Type	Part no.
Flexi Soft variant	1 Flexi Soft main module FX3-CPU0, 1 Flexi Soft I/O module FX3-XTIO, 1 Flexi Soft system plug FX3-MPL0	A type 4 electro-sensitive protective device from SICK can be ordered separately.	–	SAPPD3E-05X0032	1090293
	1 Flexi Soft main module FX3-CPU0, 1 Flexi Soft I/O module FX3-XTIO, 1 Flexi Soft system plug FX3-MPL0, 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 project file requires a Flexi Soft FX3-CPUx main module (version: 4.0 or higher), Flexi Soft FX3-XTIO I/O modules (version: 3.0 or higher) as well as Flexi Soft Designer (version: 1.9.4 or higher).	SYS/SEE-FX004020101FX3	1117266
	Software, operating instructions, connection diagram and SISTEMA file			SOW/SEE-FX00402010	1615186
Function block for Siemens S7	Software, operating instructions, connection diagram and SISTEMA file	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**

SICK AG | Waldkirch | Germany | www.sick.com

SICK
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