



SAPPD3E-05XS001

Safe Entry Exit

SAFETY SYSTEMS FOR AUTOMATING MATERIAL FLOWS

SICK
Sensor Intelligence.



Ordering information

Type	part no.
SAPPD3E-05XS001	1613431

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

Detailed technical data

Features

Safety task	Access protection
Items supplied	Software, operating instructions, connection diagram and SISTEMA file
Note	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).
System requirements	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.

Safety-related parameters

Safety integrity level	
For process controller with MTTFdvalue of at least 10 a	SIL 2 (IEC 62061)
For process controller with MTTFdvalue of at least 100 a	SIL 3 (IEC 62061)
Category	Category 3 (ISO 13849-1)
Performance level	
For process controller with MTTFdvalue of at least 10 a	PL d (ISO 13849-1)
For process controller with MTTFdvalue of at least 100 a	PL e (ISO 13849-1)
PFH_D (mean probability of a dangerous failure per hour)	
For process controller with MTTFdvalue of at least 10 a	1.89×10^{-7}
For process controller with MTTFdvalue of at least 100 a	7.89×10^{-8}
Safe state in the event of a fault	The safety-related semiconductor outputs are in the OFF state.

Certificates

Declaration of manufacturer	✓
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Classifications

ECLASS 5.0	27279090
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ECLASS 5.1.4	27279090
ECLASS 6.0	27279090
ECLASS 6.2	27279090
ECLASS 7.0	27279090
ECLASS 8.0	27279090
ECLASS 8.1	27279090
ECLASS 9.0	27279090
ECLASS 10.0	27279090
ECLASS 11.0	27279090
ECLASS 12.0	27279090
ETIM 5.0	EC001449
ETIM 6.0	EC001449
ETIM 7.0	EC001449
ETIM 8.0	EC001449
UNSPSC 16.0901	32151705

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