



# SAPPD3E-05X0032

Safe Entry Exit

SAFETY SYSTEMS FOR AUTOMATING MATERIAL FLOWS

**SICK**  
Sensor Intelligence.



## Ordering information

Type	Part no.
SAPPD3E-05X0032	1090293

**Included in delivery:** FX3-MPL000001 (1), FX3-CPU000000 (1), FX3-XTIO84002 (1)

A type 4 electro-sensitive protective device from SICK can be ordered separately.

Other models and accessories → [www.sick.com/Safe\\_Entry\\_Exit](http://www.sick.com/Safe_Entry_Exit)

## Detailed technical data

### Features

<b>Safety task</b>	Access protection
<b>Items supplied</b>	1 Flexi Soft main module FX3-CPU0 1 Flexi Soft I/O module FX3-XTIO 1 Flexi Soft system plug FX3-MPLO
<b>Note</b>	A type 4 electro-sensitive protective device from SICK can be ordered separately.
<b>Supply voltage</b>	24 V DC (16.8 V DC ... 28.8 V DC) <sup>1)</sup>

<sup>1)</sup> The external voltage supply must be capable of buffering brief mains voltage failures of 20 ms as specified in EN 60204-1. Suitable power supplies are available as accessories from SICK.

### Safety-related parameters

<b>Safety integrity level</b>	
For higher-level control with MTTFd value of at least 10 a	SIL 2 (IEC 62061)
For higher-level control with Performance Level PL e	SIL 3 (IEC 62061)
<b>Category</b>	Category 3 (ISO 13849-1)
<b>Performance level</b>	
For higher-level control with MTTFd value of at least 10 a	PL d (ISO 13849-1)
For higher-level control with Performance Level PL e	PL e (ISO 13849-1)
<b>PFH<sub>p</sub> (mean probability of a dangerous failure per hour)</b>	
For higher-level control with MTTFd value of at least 10 a	$2.15 \times 10^{-7}$
For higher-level control with Performance Level PL e	$4.53 \times 10^{-8}$
<b>Safe state in the event of a fault</b>	The safety-related semiconductor outputs are in the OFF state.

### Classifications

<b>ECLASS 5.0</b>	27279090
<b>ECLASS 5.1.4</b>	27279090
<b>ECLASS 6.0</b>	27279090
<b>ECLASS 6.2</b>	27279090
<b>ECLASS 7.0</b>	27279090

<b>ECLASS 8.0</b>	27279090
<b>ECLASS 8.1</b>	27279090
<b>ECLASS 9.0</b>	27279090
<b>ECLASS 10.0</b>	27279090
<b>ECLASS 11.0</b>	27279090
<b>ECLASS 12.0</b>	27279090
<b>ETIM 5.0</b>	EC001449
<b>ETIM 6.0</b>	EC001449
<b>ETIM 7.0</b>	EC001449
<b>ETIM 8.0</b>	EC001449
<b>UNSPSC 16.0901</b>	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](http://www.sick.com)